

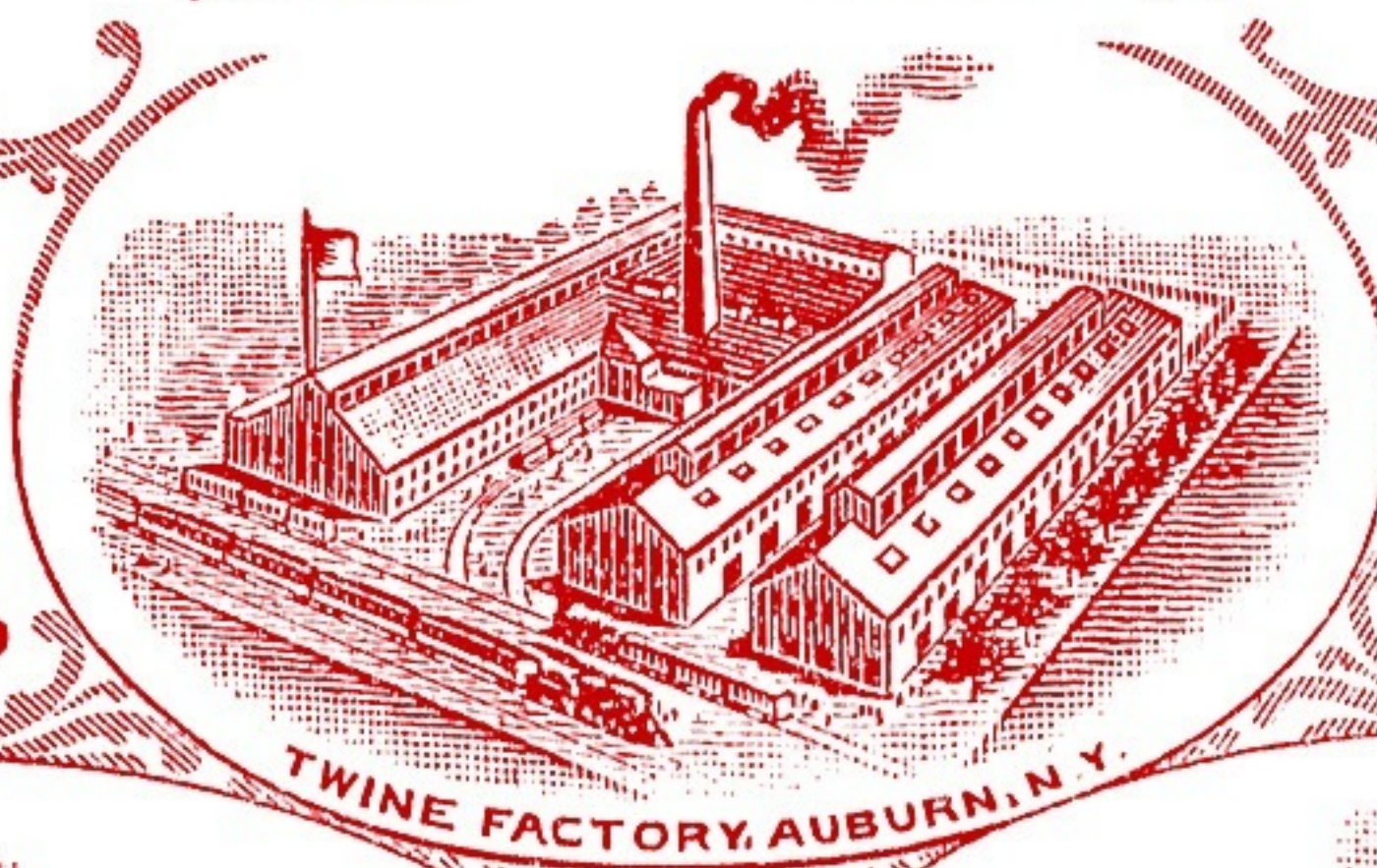
CATALOGUE

→ Osborne · Implements

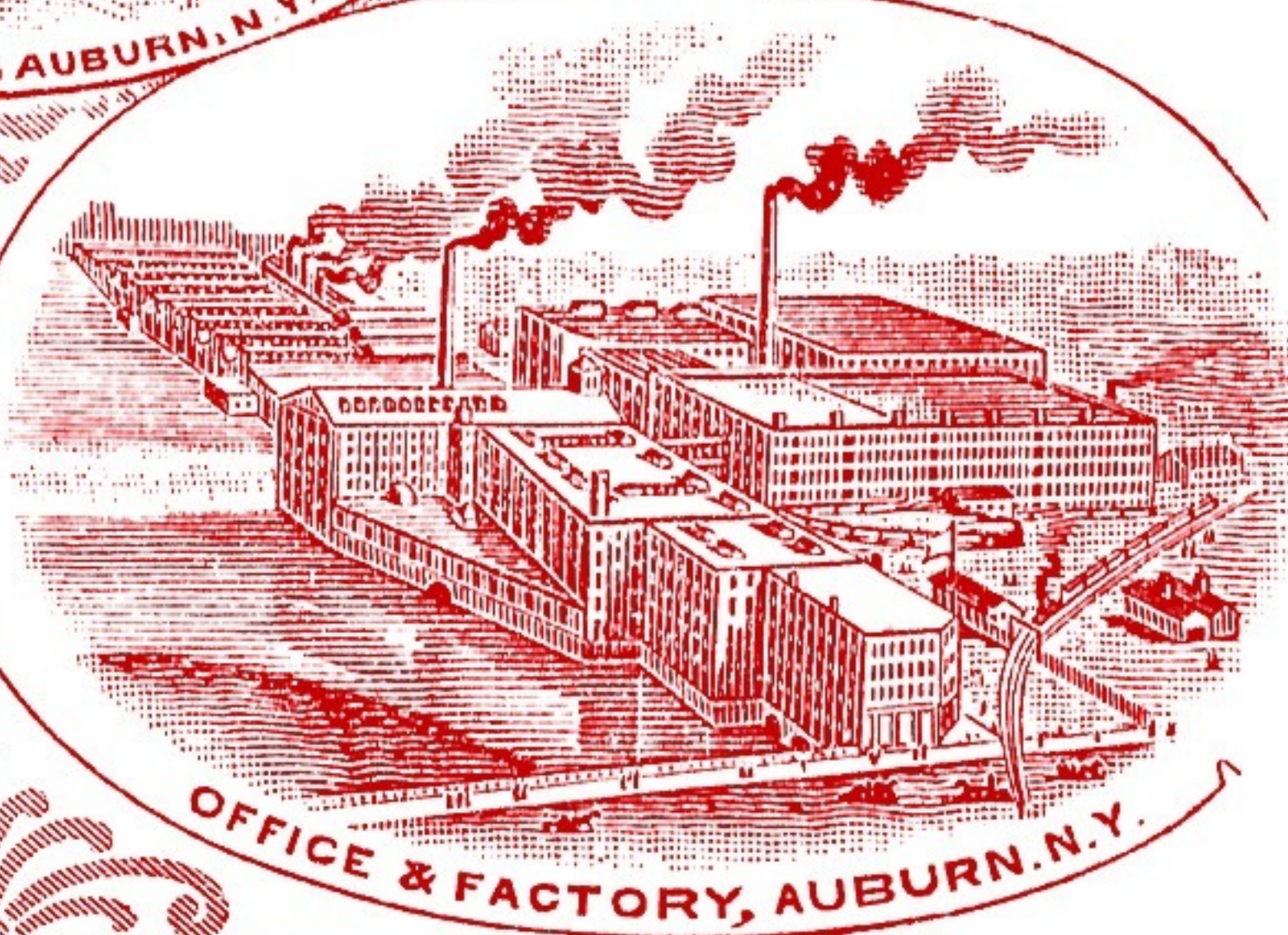
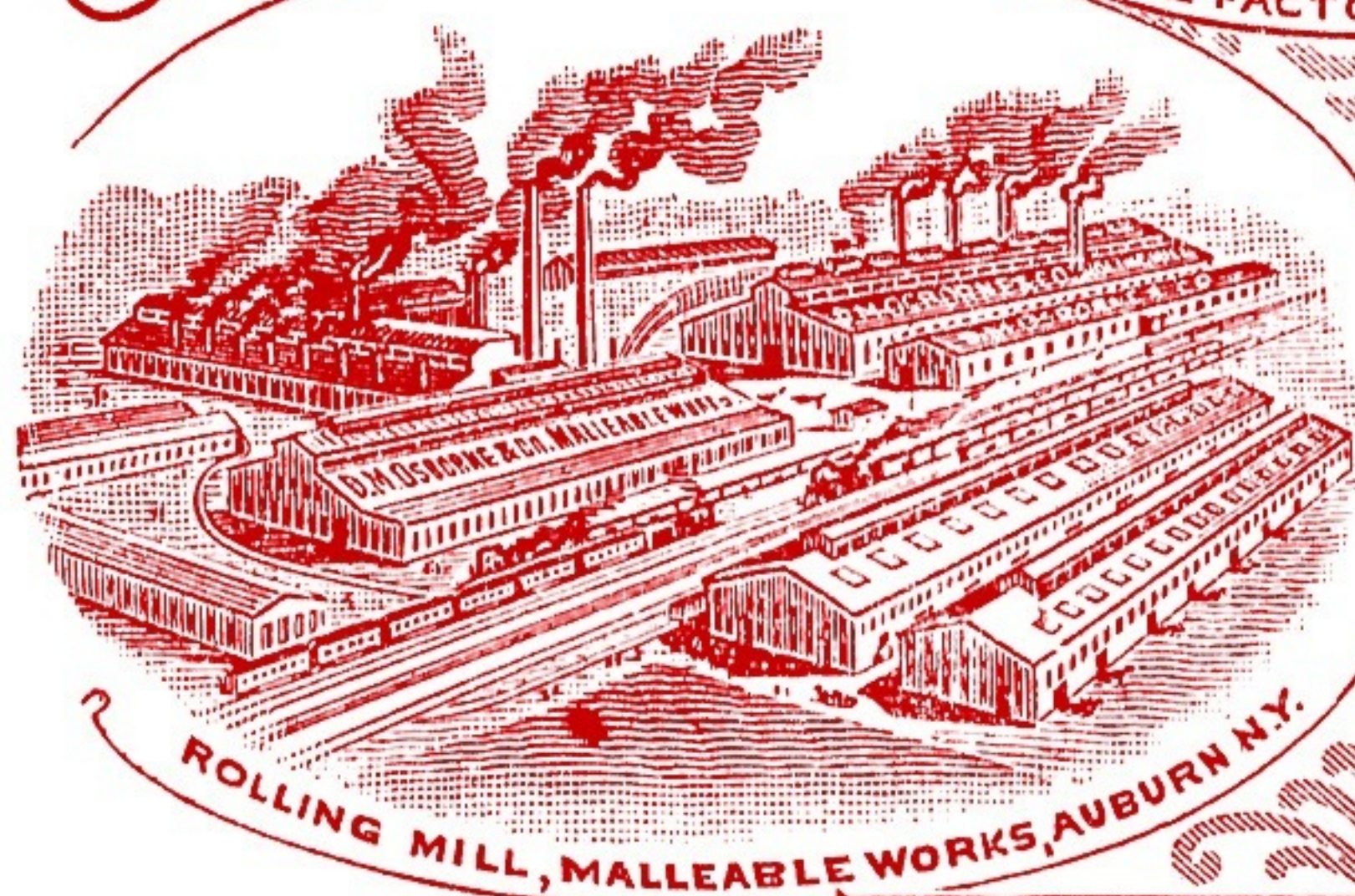
ESTABLISHED 1855.

D. M. OSBORNE & CO.
MANUFACTURERS OF

HARVESTING
MACHINERY,



FARM IMPLEMENTS
AND TWINE



AUBURN, N. Y.

C. B. KOSTERS, Manager,

General Eastern Agency,

AUBURN, N. Y.

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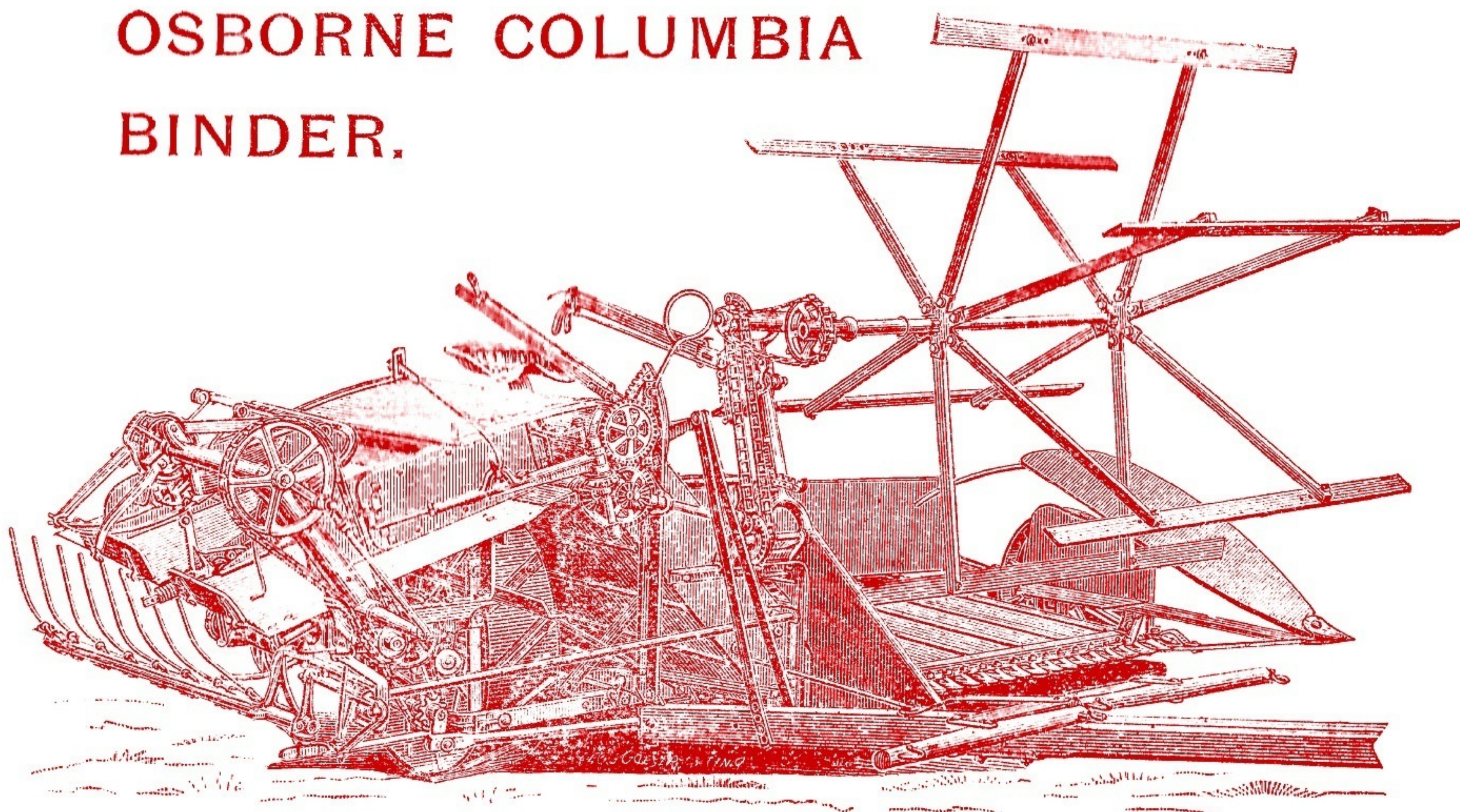
Eastern Transfer Depots.

Portland, Me.
Bangor, Me.
Houlton, Me.
Presque Isle, Me.
Burlington, Vt.
White River Jc., Vt.
St. Johnsbury, Vt.
Concord, N. H.
Boston, Mass.
Worcester, Mass.
Fall River, Mass.

Springfield, Mass.
Providence, R. I.
Hartford, Ct.
New Haven, Ct.
Albany, N. Y.
Plattsburgh, N. Y.
Gouverneur, N. Y.
Ogdensburgh, N. Y.
Watertown, N. Y.
Rome, N. Y.
Horseheads, N. Y.

Rochester, N. Y.
Batavia, N. Y.
Buffalo, N. Y.
Towanda, Pa.
Tioga, Pa.
Cleveland, Ohio.
Columbus, Ohio.
Toledo, Ohio.
Dayton, Ohio.
Mansfield, Ohio.
Monroeville, Ohio.

OSBORNE COLUMBIA BINDER.



The End Frame around the main wheel is one solid forged piece, has no joints or corner irons to get loose, thereby weakening the same.

The Platform Frame is made of strong steel angle bars, connected by a double Z finger bar on which the guards are so bolted that the bar does not project beneath, thereby allowing the knives to come close to the ground and cut as low as desired. The platform is further strengthened by a solid steel bottom.

The Knotter. Simplest and surest knotter manufactured. It ties a knot securely with the least waste of twine.

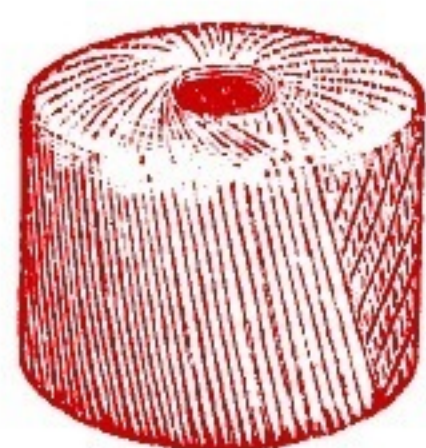
Tilting. The machine is perfectly balanced and can be tilted to cut high or low with ease.

Raising and Lowering. The devices for lowering and raising the end frame and platform are perfect and can be operated with little effort by means of a lever, at the outer end of the platform and by crank and worm gear at the drive wheel thereby allowing each end to be raised and lowered independently of the other, which is the most practical means of raising and lowering.

The Reel. It is perfectly balanced, has four motions and can be placed in any required position by the use of one lever. This reel is the easiest and most convenient to operate of any reel made.

We also make for this machine a new improved **Truck, Sheaf Carrier** and **Flax Attachment**. For further particulars regarding this machine, write us for our catalogue. Width of cut, 5, 6, 7 feet.

THREE "C's"
BINDER TWINE.



STRONG,
EVEN,
RELIABLE.

Manufactured in the Following Grades:

Sisal, 500 ft. to 1 lb. Made of Pure White Sisal Fibre.

Standard, 500 ft. to 1 lb. Made of Sisal, Manila and New Zealand Fibre.

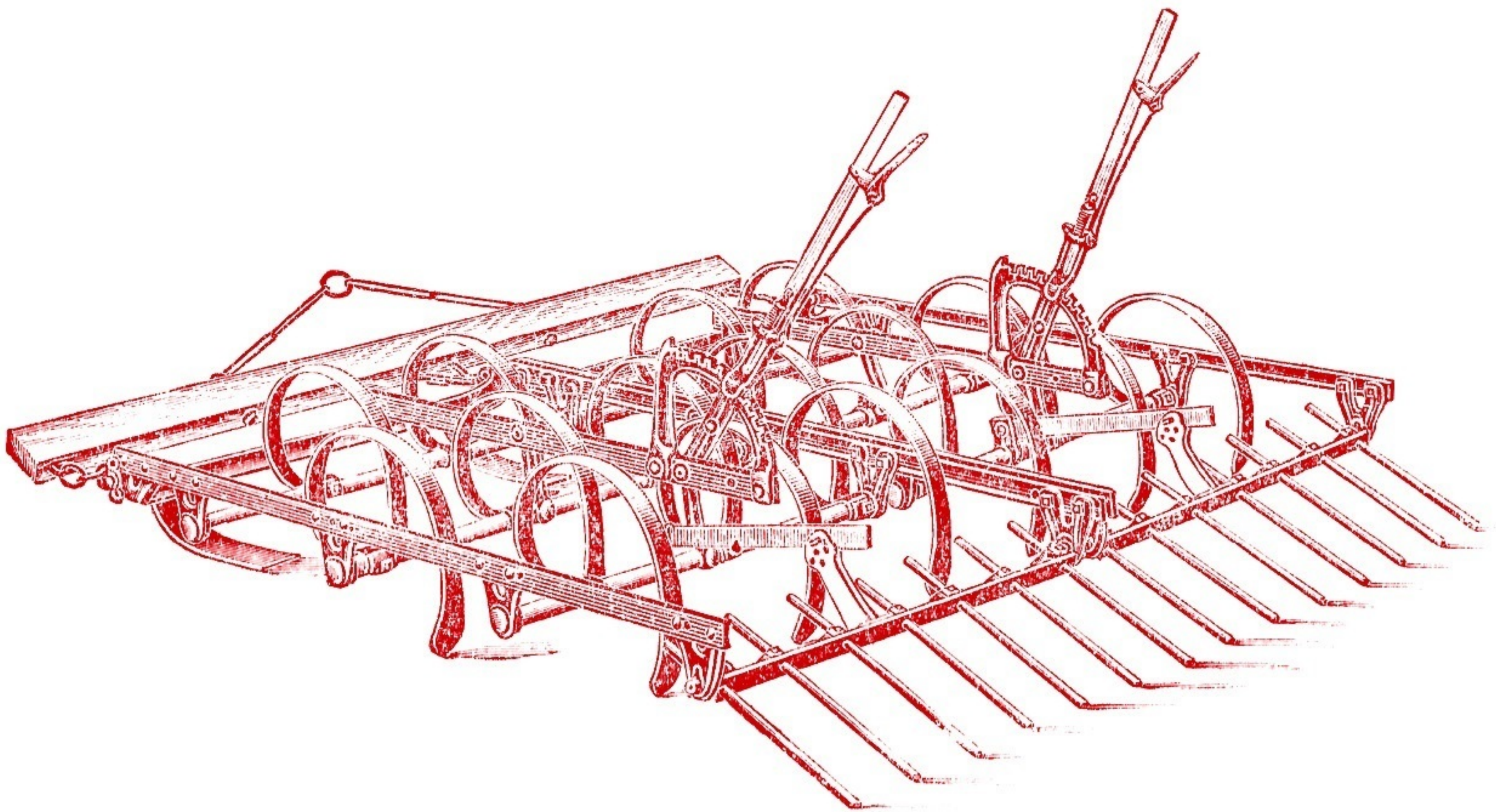
Manila M, 550 ft. to 1 lb. Made of Manila, New Zealand and Sisal Fibre.

Manila 600 ft. to 1 lb. Made of Manila, Sisal and New Zealand Fibre.

Pure Manila, 650 ft. to 1 lb. Made of Strictly Pure Manila Fibre, carefully selected for length and strength.

All grades run full length and are put up in 50 lb. sacks.

OSBORNE COMBINATION HARROW.



In addition to our Spring Tooth, Peg Tooth and Disc Harrows we offer our patrons a combination Spring and Peg Tooth Lever Set Harrow with elevated frame and down hanging tooth Bars.

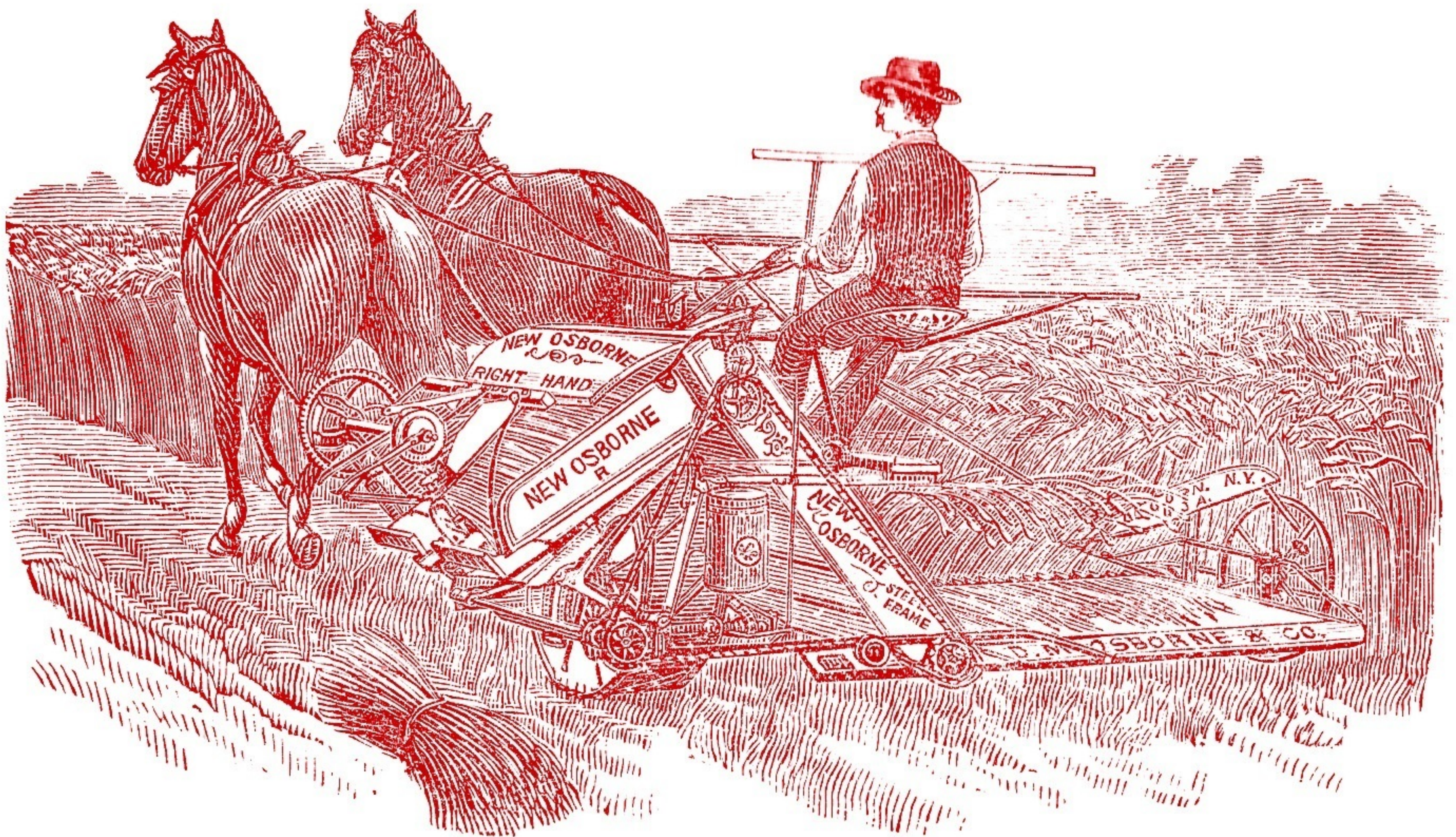
It is an economical implement, for you have two harrows in one at a small advance in price. Another saving is, a field does not require going over as many times as with two separate Harrows. It works on the same principle as our regular Lever Set Spring Tooth Harrow with the addition of a Peg Tooth Attachment.

It does equally as good work as our regular Spring Tooth Lever Set Harrow besides leaving the ground smooth as though it had been worked with a finishing Harrow.

Construction. The sides of the frame of this harrow consist of channel-steel bars, bolted securely to angle-steel front and rear ends, making a strong and durable framework. The teeth are securely fastened with one bolt to the steel cross bars, the same as on our Spring-tooth Harrows.

The frame is carried six inches off the ground by means of broad, high-carbon steel shoes on the front end, and the fourteen steel smoothing teeth on the rear end. The tooth beams are hung on strong malleable castings, three inches below the frame. There is no wearing of the frame or possible chance of clogging, as the tooth bars are still three inches off the ground, allowing all rubbish to pass under the frame of the harrow. When the teeth are tilted there is a clear open space under the whole harrow, the frame resting entirely on its shoes and smoothing fingers for transportation. The spring teeth are adjustable (by lever set) to any depth of cut, independent of the adjustments regulating the cut of the smoothing teeth, thereby adapting both features of this harrow to all conditions of the ground. We provide three draft holes to adjust the hitch high or low. This harrow is built with 16, 24 and 32 teeth.

New Osborne Harvester and Binder.



The life of a machine is its foundation, and its foundation, to be durable, must be substantial.

We invite the most rigid inspection of the New Osborne, and particularly with reference to its indestructible character.

Particular pains have been taken in its construction, and we claim it is the acme of strength, symmetry and lightness, combined with durability.

It must cut grain from one to six feet high.

It must cut tangled and lodged grain, and arrange it in good shape for binding.

The requirements of a perfect binder are that—

It must discharge bundles in exact time and in proper shape.

It must do all this on side hills and over rough and uneven ground.

It must be strong and yet light.

All these conditions have been complied with in the construction of the New Osborne.

The Truss Frame around the main wheel of the New Osborne is built entirely of steel, firmly supported in the center and at the corners in the strongest form known to science, that of a truss.

The Platform Frame is made of angle steel without joints, and is connected with a double angle steel Z shaped finger bar contributing great strength and stiffness. The platform is further strengthened by a 4-inch steel protection plate, firmly riveted to the finger bar and designed to receive the concussions incident to running the machine. This plate enables us to cut close to the ground, so as to pick up lodged or tangled grain.

Osborne Reel. Our new and improved reel is controlled by a single lever, and is easily and quickly placed in any desired position. The adjustment is perfect, and allows us to place it in the right position to pick and reel lodged grain back to the cutters, and place it in proper position upon the conveying canvas.

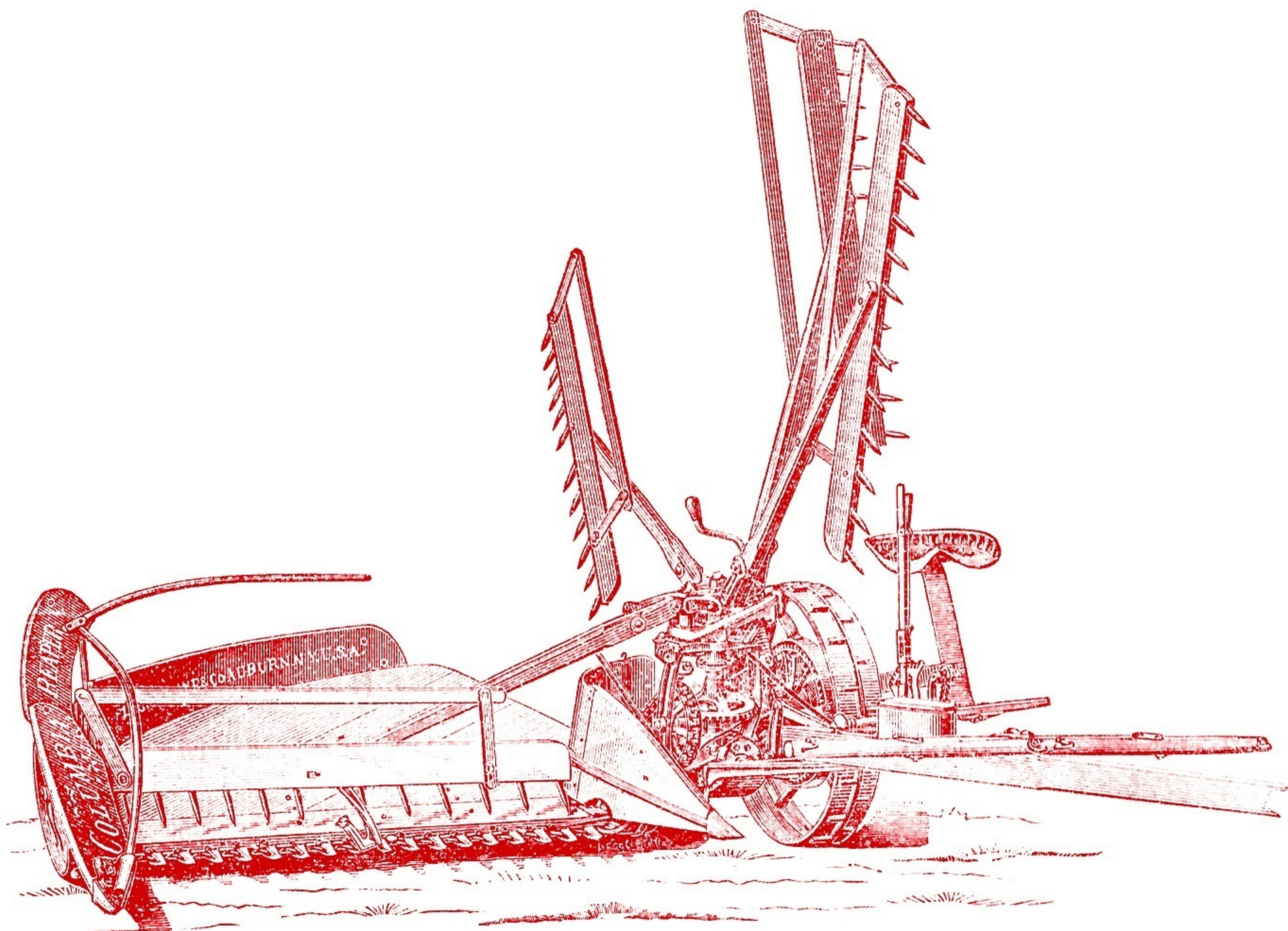
Tilting. The New Osborne Harvester can be tilted to any desired pitch, to cut high or low, by means of a lever. We can cut close to the ground and do so without injury to the machine.

Raising and Lowering. The New Osborne is raised and lowered at each end separately. Experience has convinced us that this is far preferable to the device in use by some of our competitors of raising and lowering both ends simultaneously.

Transportation Trucks. Our truck for transporting our harvester and binder over narrow bridges, on the road or through gateways is a very simple and inexpensive carriage.

Our New All-Steel Bundle Carrier is the only one on the market that does not require an expert or strength of a man to operate it; at the same time it is thoroughly reliable. It can be quickly attached to or detached from the harvester, and will carry from four to six bundles.

OSBORNE COLUMBIA REAPER.



Construction is such as to give the machine the greatest strength and rigidity, with the least weight, and at the same time to allow a range of adjustment to fully meet the requirements of any crop or conditions under which a reaper is ever used. **Draft** is twenty-five per cent lighter than the average. This is occasioned by *perfect balance* and so arranging the heavy parts of the machine as to carry their weight almost entirely on the drive wheel. The rake-head is but four inches inside of drive wheel and its weight is considerably more than counterbalanced by the weight of the driver, thus leaving but a very little weight on the grain wheel. The grain wheel is in line with the drive wheel, thus preventing side draft and straining of the platform in passing over rough ground.

Cutting Power of this machine is unexcelled, as nearly all of its weight is carried on the drive wheel, thus giving it the greatest possible cutting capacity.

Raising and Lowering is accomplished by a worm gear, very easy and very convenient.

Seat can be entirely removed by loosening one bolt; can be adjusted to the weight of different drivers so that the machine may always be *perfectly balanced*.

Platform is supported by a trussbar, making it very strong and rigid ; none of the "sagging" or falling back out of line, common among poorly built reapers. *It can be folded quicker and easier than any other reaper made, and when folded and seat removed, is only four feet wide.*

Tilting Lever is located just in front of the driver's seat and outside of drive wheel. Seven positions of *parallel tilt*, will cut stubble as desired, from one-half to fourteen inches with the machine as shown, while for extraordinary high cutting, we furnish an extra attachment, the use of which permits the cutting of a 20-inch stubble. This gives the *greatest range of tilt on any reaper in the world.*

Drive Wheel is large and broad-faced (32x6).

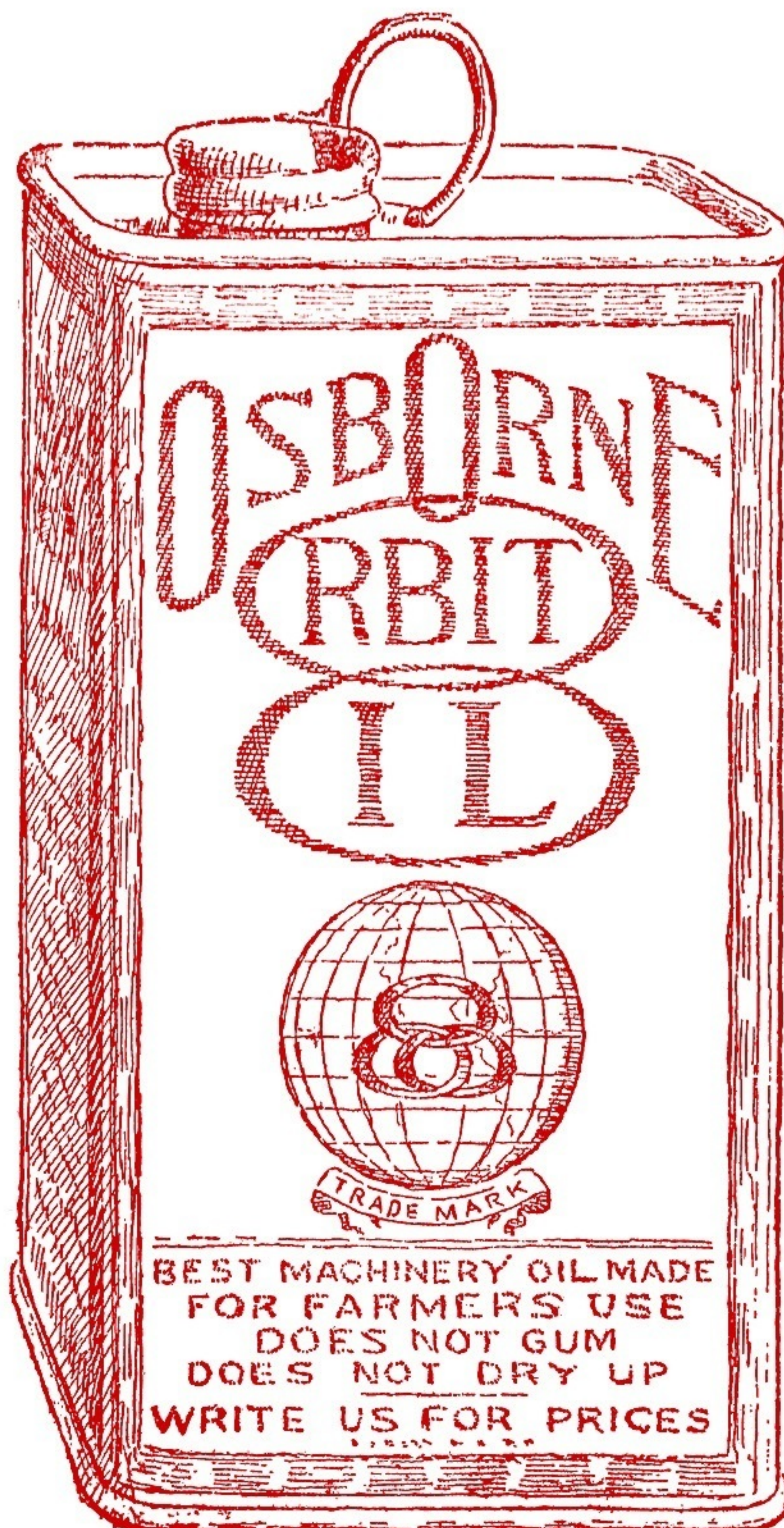
Driving Gear is well shielded and is cast separate from main wheel.

Trip is either automatic or controllable. Can by a touch of the finger be regulated so that every rake, every second, third, fourth or fifth rake will rake ; or, by pressing on foot lever, the raking attachment can be thrown out of gear and the gavel raked off *only* when the foot lever is released. All rakes reel the grain to the knife, regardless of whether they do or do not rake.

Rake Head is extra high, bringing the mechanism away from the grain and preventing "winding." This also permits the carrying of a very large gavel.

Size 5-foot cut only.

OSBORNE ORBIT OIL.



LASTS TWICE AS LONG AS
THE CHEAP BLACK OIL
GENERALLY USED
ON FARM IM-
PLEMENTS.

ONE OF THE CAUSES of hard draft and rapid wear of farm machines is the use of POOR OIL, THE EFFECT of which is loss of Time Temper and Small Trade. We suggest as a REMEDY, the use of OSBORNE ORBIT OIL, which makes machinery run easily and smoothly and wear a third longer. Dealers who handle it find it always in demand.

THE OSBORNE NO. 8 REAPER.

In some localities, especially on smaller farms, the demand still continues for a light and handy reaper. Our No. 8, thoroughly tested and tried, has no equal. This popular reaper includes all the essential points of a good serviceable and durable machine. OUR DRIVE WHEEL is high, broad on its face, and provided with diagonal lugs, to prevent sliding on side hills. OUR RAKE HEAD is of malleable iron, giving it great lightness, combined with strength, and is so adjusted that the rake always passes in a straight line over the knife, delivering the grain straight on the platform, and all the way through the gavel.

Our Tilting Lever is in front, and within easy reach of the driver, and can be operated by a boy.

The Rake can be set so that every fourth rake, or every other one, will rake off automatically; or all can be used, according to the grain.

The Platform can be folded for easy transportation, or for storage. The seat is attached so that with any driver, it balances the reaper. No weight on horse's neck, no side draft, and a powerful cutting machine. From the hundreds of thousands of Osborne Reapers built and sold, nothing but the best reports have ever reached us.

A Boon to the Agriculturists of the World.

Osborne Columbia Corn Harvester.

Makes the Farmer's Hardest Work Easy.

The acreage of corn in the United States averages about twice that of wheat, and the work of gathering it has long been dreaded as the most tiresome task of the year; for this reason we place a corn-harvester on the market, simple in construction, light draft, easily operated, and built for a record.

Here you see a machine that is as simple as the simplest mower; it can be tilted to pick up broken stalks or to level up in going up or down grade. It can be raised or lowered to cut any desired length of stubble, and, as each side is adjusted independently of the other, the machine can always be carried level on side hills. The adjusting levers are convenient to the driver's hand and EVERY OPERATION OF THE MACHINE IS IN PLAIN SIGHT AND EASY REACH.

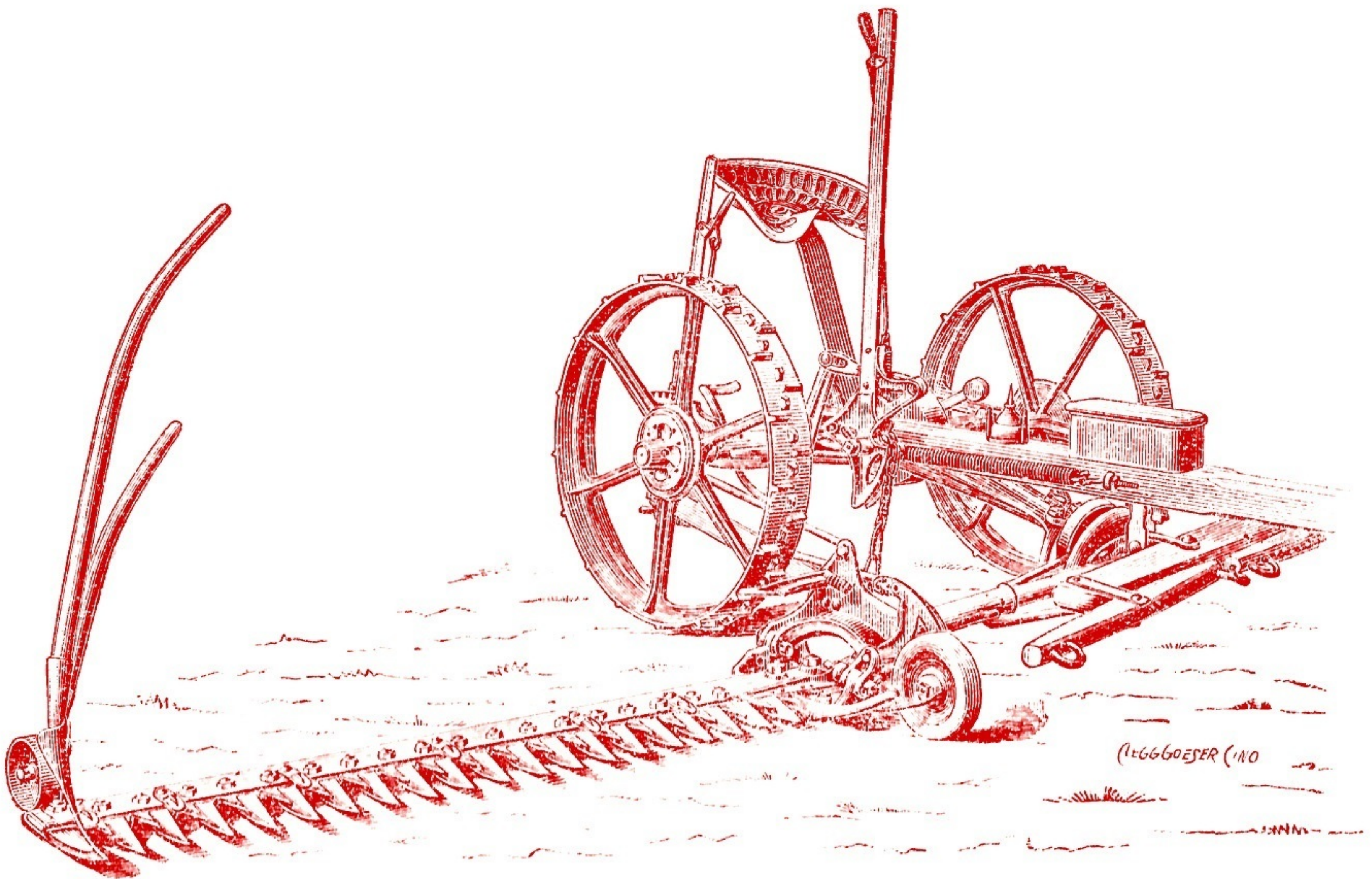
The cutting apparatus is extremely simple and positive, and the power is ample for the tallest and largest corn. The corn is both cut and bound in an erect position; thus the butts of the bundles are square and in perfect condition to stack.

A point which has been a recognized difficulty with previous machines is the tangling and winding of weeds and corn leaves in the lower conveyor, and the consequent, oft repeated, clogging of the machine. We have, in the construction of our lower conveyor, done away with all chains and similar devices, subject to this difficulty, and by our novel double grip conveyors we avoid all possibility of annoyance from this cause. The action of these conveyors is as simple and positive as could be wished, one pair of arms moving upward and backward with a firm grip on the stalks, while the other, with open jaws, is returning for its load. Thus the butts are constantly gripped fast and always steadily moving toward the binder.

The binding and discharging mechanism is constructed with special reference to the strength and capacity required for handling this crop, and the corn when bound IS DISCHARGED CLEAR OF THE PATH OF THE HORSES WHEN CUTTING THE NEXT ROW.

Any practical farmer, who compares the Columbia with the experiments thus far offered, will see in its SIMPLICITY and ADJUSTABILITY advantages which make it incomparably superior, and will hail with delight the invention of a REALLY PRACTICAL IMPLEMENT to relieve him of the drudgery of harvesting his corn.

OSBORNE MOWERS.



The Cutting Apparatus is the vital point of a mower, and in this respect the Osborne Mowers excel all others, being so constructed as to give a power unattainable in any other mower. With it we can leave the grass in the best shape to dry, we can mow on side hill without sliding, we can raise either end of the cutter bar in passing over obstructions. Either end of our **Flexible Cutter Bar** will fall into a furrow or depression, or will run over rough or uneven ground, and cut an even length of stubble.

Our Main Frame is cast into one piece, is compact and strong, will not twist or warp so as to throw the shafts or gears out of line, thus ensuring easy and steady motion to crank head and pitman.

Four Pawls are used in the drive wheels — most other mowers have but two. Ours are interchangeable,—take up all lost motion in turning and keep the knives in motion, avoiding clogging and backing.

The Drive Wheels are high and wide apart, and are interchangeable, working on either side.

The Gearing is completely enclosed in a cast-iron frame, excluding rain, mud or dust.

The Lead Wheel.—By means of our simple and novel device of hinging lead-wheel arm, and by means of connecting rod from it to end of tilting lever, we can tilt our bar evenly its entire length.

Steel Spring and Foot Lift.—We use on our mowers a powerful steel spring, which is of great value in raising the finger bar, as it takes the weight on itself, reducing the exertions of the operator to the minimum.

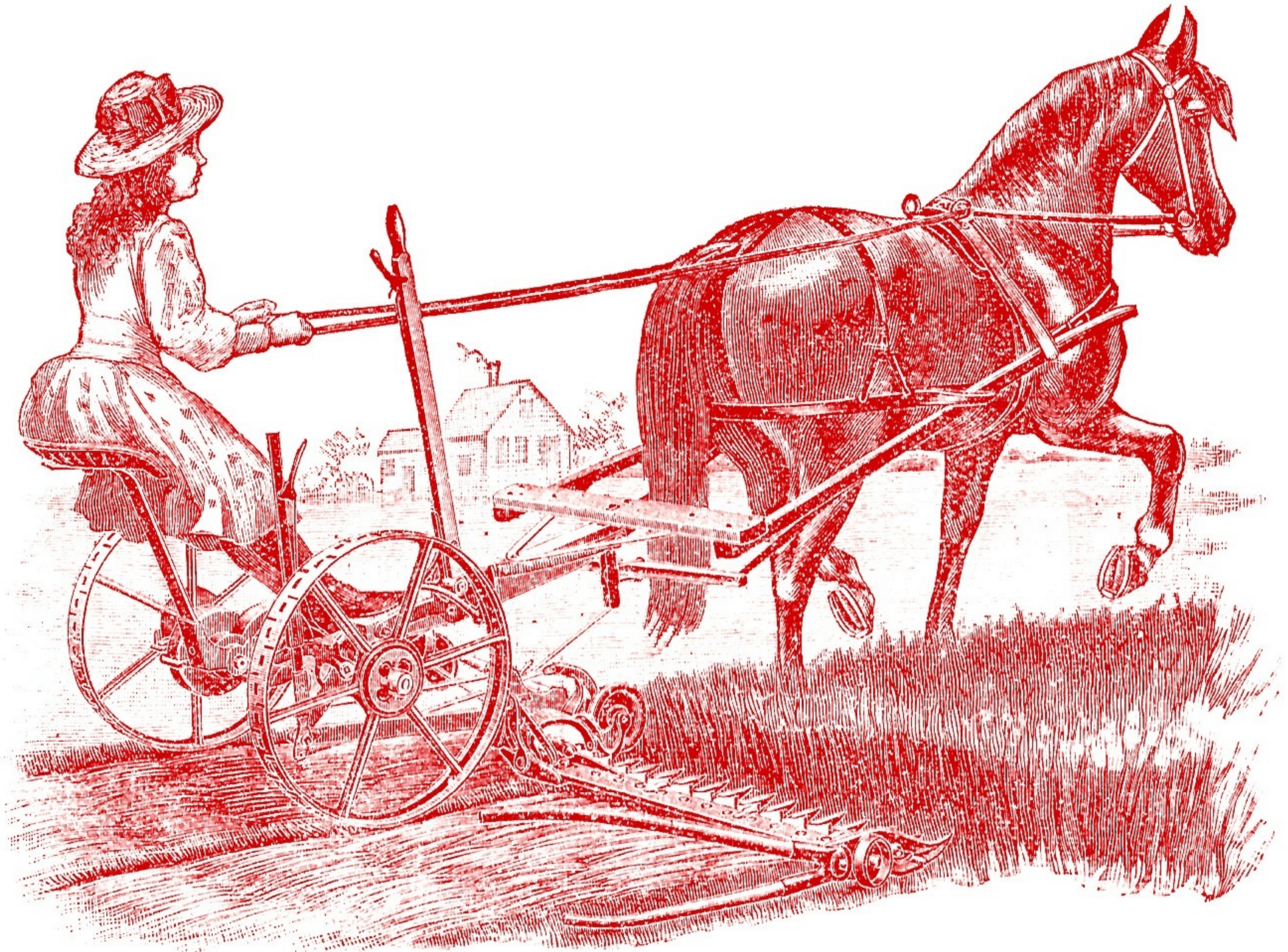
The Draft Rod.—This rod is attached at a point under the pole in such a manner that the cutter bar is not pushed, but pulled, one-half the draft of the machine pulling from the pole and one-half from the cutter bar. This method makes it easy running, without side draft, or weight on the horses' necks; at the same time it will not lift the cutter bar off the ground.

Our Tilting Lever is in easy reach of the driver, and is most effectual and practical enabling him to promptly throw the points of the guards up or down.

Our Pitman runs in a straight line, giving a direct and powerful stroke to the knife, it has a ball and socket connection, securing uniform and continuous motion.

While all models are of the same design, the sizes are NOT created by a simple change in the length of the cutter-bar, as is the case with many competing machines, but each model differs from the others in *size* and *weight* which are carefully proportioned to the length of the bar it is to carry. No. 3—3½ ft. cut. No. 4—4½ and 5 ft. cut.

OSBORNE MOWER, No. 3, One Horse.



We manufacture the Osborne No. 3 One-horse Mower. We have greatly improved this mower making it an exact duplicate of our No. 4 Mower, only reduced in size and weight. Has wide axle, easy-lifting spring, and draft-rod attachment, and is sent when desired, with shafts instead of pole. This mower is in great demand for work on small farms, or on extensive lawns and parks. Width of cut, three feet six inches and four feet.

OSBORNE ALL-STEEL HAY TEDDER.

BUILT WITH SIX OR EIGHT FORKS.

HAS ANGLE STEEL BAR FRAME,

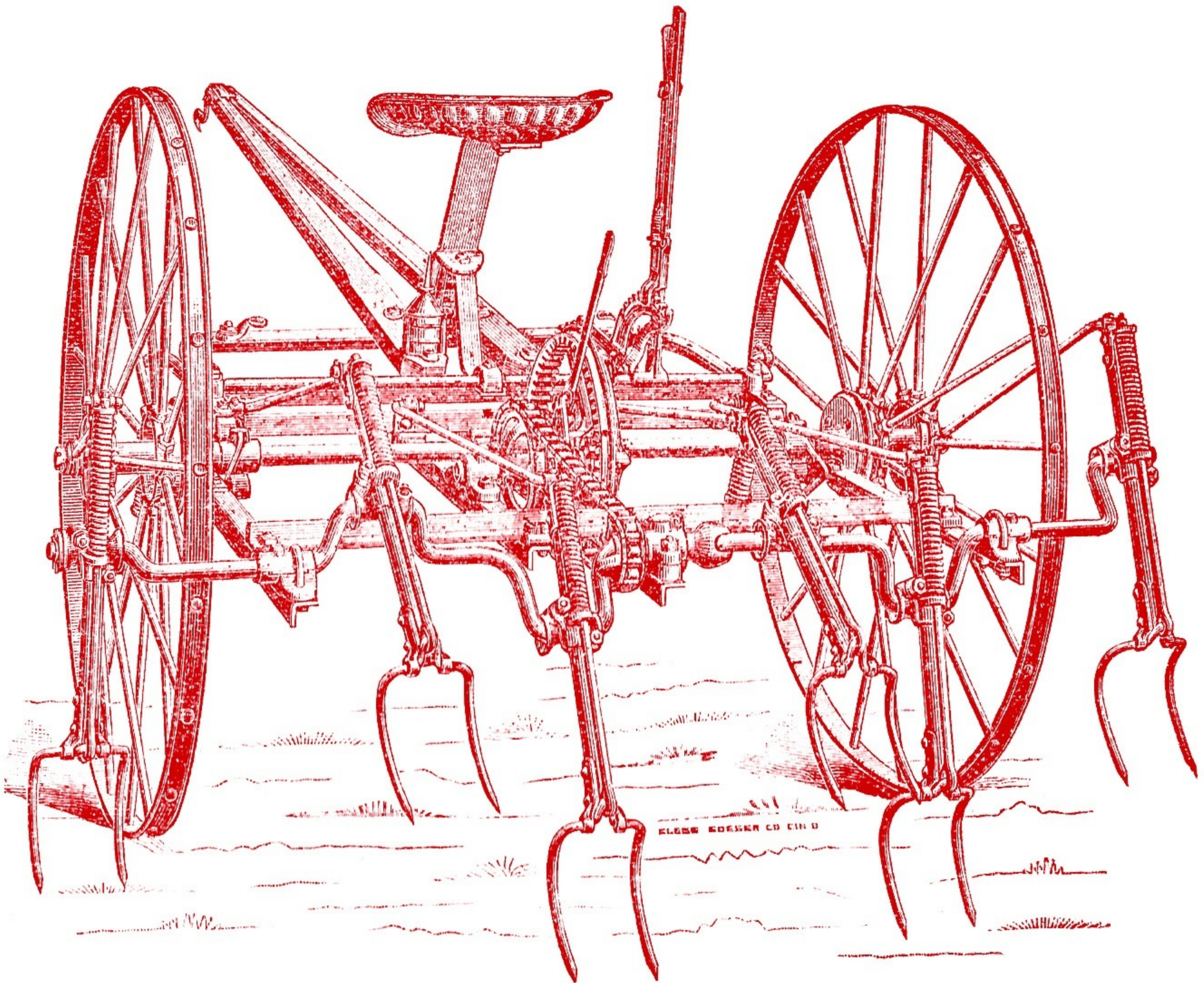
Giving it lightness and strength as well as neatness in appearance, it also prevents rotting, twisting, or shrinking like the wood frame tedders.

HAS INCH AND A QUARTER STEEL AXLE

Extending through from wheel to wheel as in no other tedder. Hence the gears cannot get out of line, as is the case when they are fastened to badly worn or imperfectly running wheels. The crank shaft is not divided in the centre but is solid clear through, and is so constructed that only one fork comes in contact with the hay at a time. And the fork always being on one-sixth of the turn of the shaft, secures a balance and gives an even movement.

THE WHEELS

Are all steel, fifty inches high, with twenty heavy steel spokes screwed into the cast hub, with heavy jamb nuts on the hub. The wheels are close together causing less side motion against the horse. There is also a fork outside of each wheel, so no hay is run over after it is teded.



HAS NEW AND IMPROVED FORK

Connected with a steel pitman, and has steel tubular fork arms. Has steel oil tempered forks attached to the fork arms with malleable iron fastenings and fitted with novel and perfect relief springs. **THE FORKS** can be raised and lowered to any desired height from the ground by means of a lever within easy reach of the driver.

HAS COMBINATION POLE AND SHAFT

In which neither stub shafts or cross bar are needed as the steel front frame takes the place of both stub and shafts. Can be thrown in and out of gear by means of a lever within easy reach and without stopping.

TAKE NOTICE.

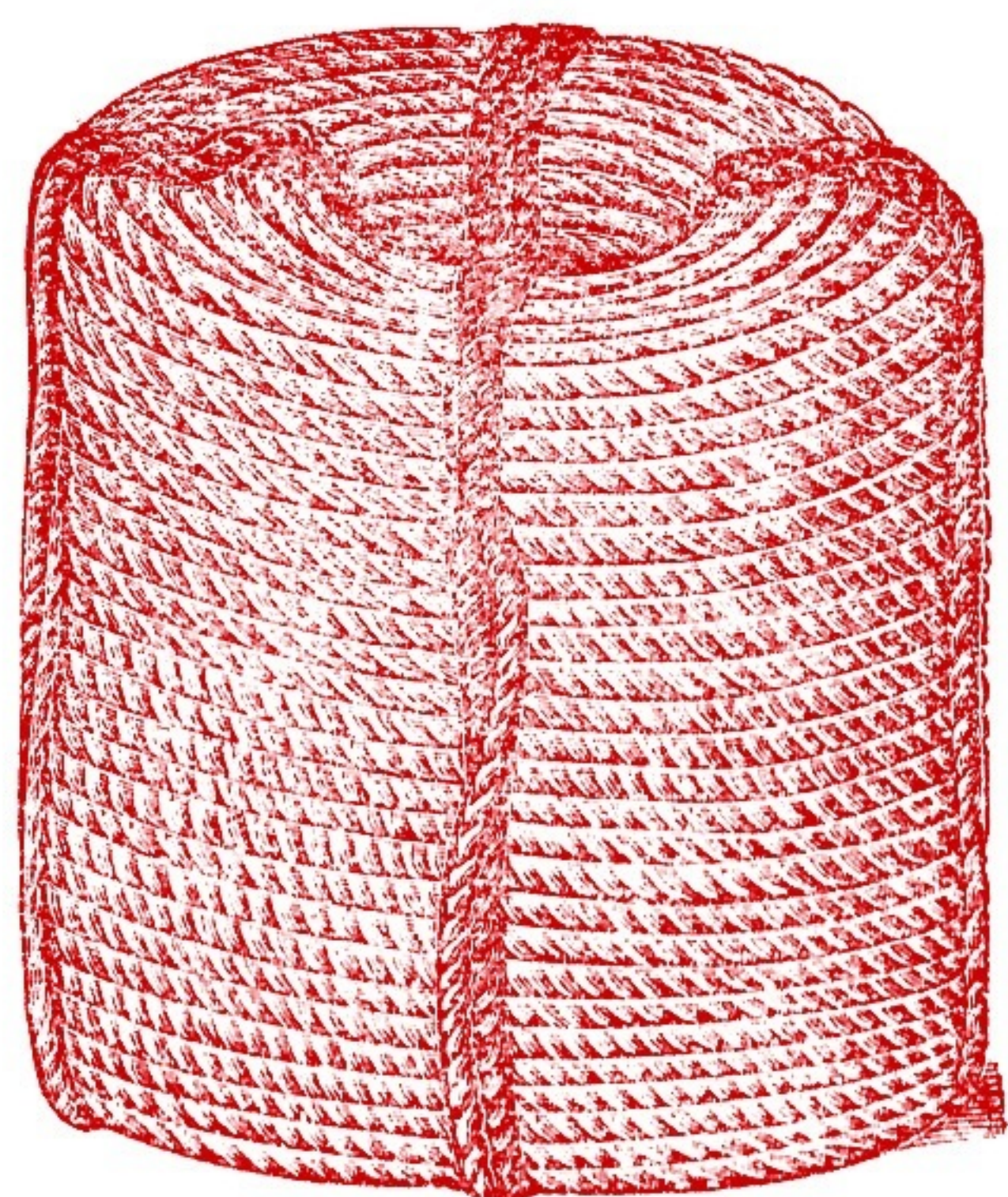
It has been our aim to study the necessities of the farmer and manufacture for him implements and farm machinery that will stand the test and prove ourselves worthy of his patronage. In order to do so we find it necessary to manufacture each and every part that goes into the construction of our line. This policy enables us to give the strong warranty we do. Any flaws or imperfect work we stand ready at all times to make good. Do not hesitate to place your orders with us as we guarantee all our goods to do first-class work and to be made of the very best material that can be had. At any time we will be pleased to hear from you.

Address all communications to

Eastern Agency, D. M. OSBORNE & CO.,
Auburn, N. Y.

OSBORNE

ROPE.



SISAL, MIXED MANILA AND PURE MANILA CORDAGE
WEIGH ABOUT THE SAME.

DIA.	CIR.	Estimated Strength.	Length per pound.	Weight of Full Coil.	Weight of Half Coil.
Inch.	Inch.	Pounds.	Feet.	Pounds.	Pounds.
1-4	$\frac{3}{4}$	450	43	28	14
5-16	1	750	30	40	20
3-8	$1\frac{1}{8}$	950	24	56	28
7-16	$1\frac{1}{4}$	1200	19	68	34
1-2	$1\frac{1}{2}$	1700	$13\frac{1}{2}$	90	45
9-16	$1\frac{3}{4}$	2300	10	122	61
5-8	2	3000	$7\frac{1}{2}$	160	80
3-4	$2\frac{1}{4}$	3900	6	202	101
13-16	$2\frac{1}{2}$	4700	5	240	120
7-8	$2\frac{3}{4}$	5700	4	250	125
1	3	6750	$3\frac{1}{2}$	300	150

Hay rope, 2 and 3 ply, B50 and 100 lb. coils.
 Hide Rope, 2 and 3 ply, B50 and 100 lb. coils.
 Hide rope, 2 ply D50 thread drawn in strand 50 and 100 lb. coils.
 Bale rope, 3 and 4 strand.
 Bale rope, 2, 6 and 8 strand.
 Lath yarn, B110 strand, and C130 strand.
 Lath yarn D200 strand.
 Hop twine, tarred in balls.
 Grape vine twine, balls or coils.
 Paper twine uncoiled.

Sizes for Horse Fork Rope.
 Draw rope, $\frac{3}{4}$ inch & $\frac{7}{8}$ inch.
 Sling rope, $\frac{5}{8}$ inch.
 Jerk or Trip rope, 7-16 and $\frac{1}{2}$ inch.

Osborne All-Steel Self-Dump Hay Rake.

THE LIFE OF TWO RAKES IN ONE.

This rake, to be appreciated, should be seen, as it is impossible to do justice, either by a cut or in print, to its many valuable qualities. As indicated by the cut, it is a model of neatness and simplicity, and, though light, it is the strongest and most durable on the market ; and while we claim that it is the neatest-looking rake built, we also claim, without fear of contradiction, that it is under all conditions, the most practical rake at work, the easiest rider, the lightest draft, and the simplest to operate of any rake built.

Our Comfortable Spring Seat can be raised or lowered, as well as carried forward or back, to accommodate anyone, from a child to a man, making it an easy rider.

Interchangeable Wheels.—The wheels on this rake are interchangeable, giving double wearing surface to the self-dumping device. Diameter 57 inches, Rim $1\frac{1}{2}$ inches.

Reversible Steel Dump Rods.—Our oscilating dump rods are reversible, both ends being forged alike, so that either end can be used in the wheel, which is a very desirable feature in case of wear. With our reversible dump rods and our interchangeable wheels, we have a rake which will give double the wear and service of any rake built.

Our Frame is forged out of angle-steel bar, and takes the place of both cross bar and stub shafts, and does away with all wood work for these purposes.

Angle-Steel Cleaner Bar is fitted with strong, oil-tempered steel cleaning fingers. These fingers are supported by a steel space bar, which also prevents the hay from hanging on the teeth when dumping.

The Teeth are all duplicates of each other ; they are not rights and lefts. They are made of the best quality of steel, and shaped so they will run under the hay, gathering it clean without scratching the ground, which insures a very light draft. They pass over obstructions without catching or breaking.

Dumping Device.—We invite special attention to our improved dumping device. Our rake dumps from both wheels. It has a positive self-dumping device, and will always dump when desired. The teeth drop directly behind the windrow, without jar and leave no unraked hay.

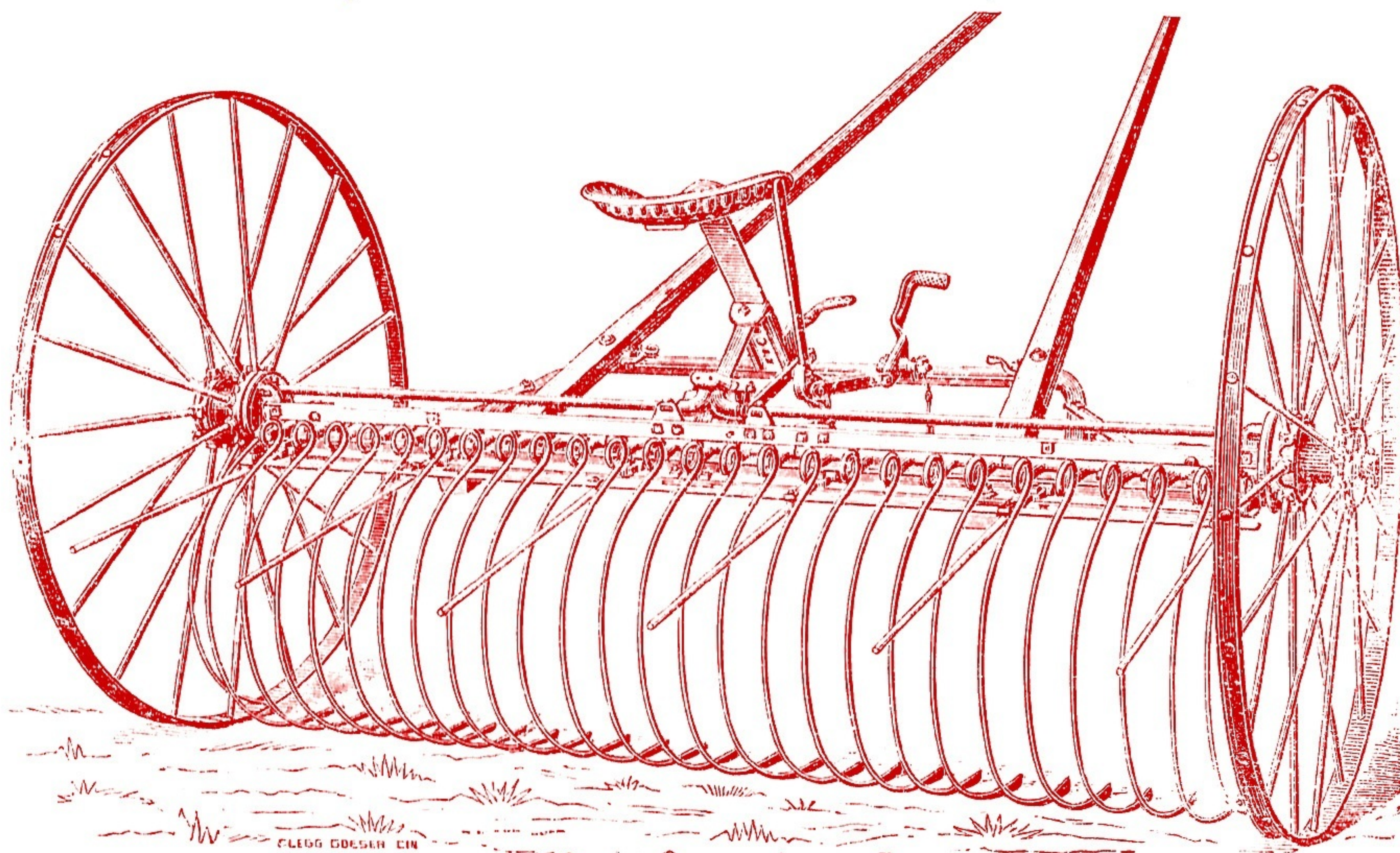
Our rakes are built in the following sizes :

8 feet, 22 teeth.

8 feet, 27 teeth.

10 feet, 26 teeth.

10 feet, 32 teeth.



Our eight and ten-foot rakes are furnished with shafts that can be combined into a two-horse pole (neckyoke and whiffletrees furnished at small expense, when desired.)

The Axle is an angle-steel bar. This feature is the greatest and most important improvement of the age in horse rakes, and is found only in the Osborne. It is impossible for this axle to rot, twist, shrink or sag ; and being always in true line, the self-dumping device can never get out of order from these causes, while with a wooden or revolving axle it is impossible to prevent this great fault.

Gathering Teeth.—There are two short gathering teeth next to the wheels and fastened to the axle, which prevents the hay from sliding out at the ends of the rake, and also prevents it from rolling and twisting in upon the wheels.

As good as our Rake has been heretofore, we have improved it greatly this season. Equipped with 57 inch wheels gives it *the largest capacity of an Rake on the market*. Why buy a Rake that you have to dump every few feet, when you can get one that will put two of its windrows into one, thus making you less work while raking, and leaving fewer windrows to “bunch up.” This is a very important point in a Hay Rake. “Time is money” when you are haying. These 57-inch wheels, by the way, are the same kind that we use on our Tedders.

THE OSBORNE HAND-DUMP RAKE.

AN IMPLEMENT THAT IS BUILT FOR LONG AND SATISFACTORY SERVICE.

Some people do not like a Self-Dump Rake and for them we make the Best Hand-Dump Rake that was ever put on the market.

Construction. The principal change will be replacing the single hub wheel, formerly used, by the double hub suspended wheel, that we have found to give such excellent satisfaction on our Self-Dump Rake and on our Tedders. The flattering record this wheel has made for itself, we think fully warrants our going to the extra expense of using them on our Hand-Dump Rakes hereafter.

Wheels, 50-inch diameter, $1\frac{1}{2}$ inch face, $20\frac{7}{16}$ inch spokes set staggering in double hub.

Frame, forged out of one solid piece of 20 carbon steel ; *no joints* to work loose.

Axle, 20 carbon angle steel.

Seat has four adjustments, so that drivers of different weight can adjust the seat in such a manner as to balance the implement perfectly.

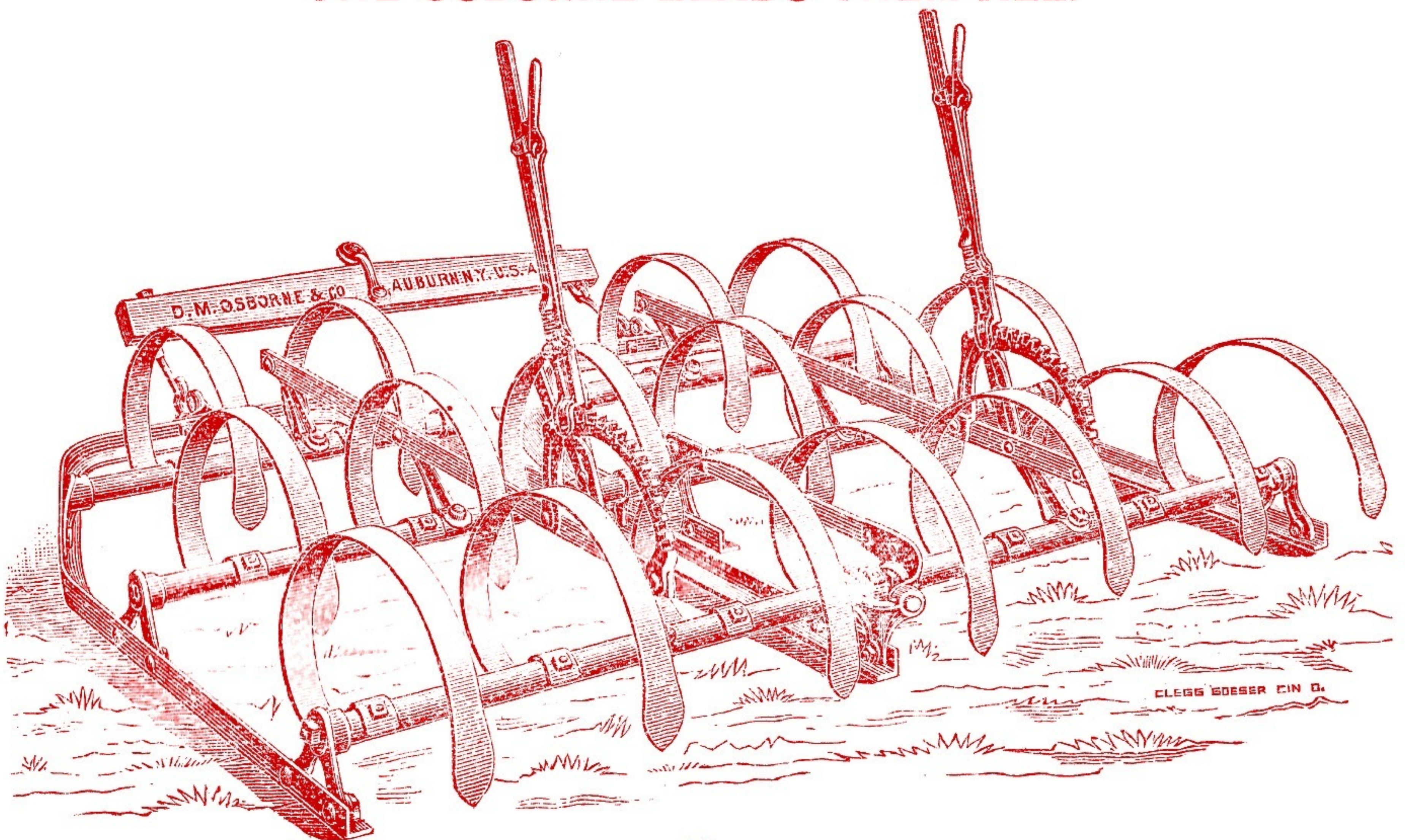
Lock Lever. While this rake, like most other hand-dump rakes, *locks* the teeth in raking position, it has what no other implement of the sort is equipped with, that is a foot treadle for putting still greater pressure on the teeth when, for any reason, an especially large windrow is desired, or for "bunching up" the hay.

Teeth are high carbon steel, tempered in oil, and *every one* must stand a 20 inch drawing test, making it *absolutely certain* that no soft or brittle teeth will be furnished with '95 rakes.

Shafts or Pole change from one to the other, accomplished by shifting four bolts. No stub shaft or cross bar required.

Sizes. 8-foot with 22 or 27 teeth, as ordered. (Change from 22 to 27 teeth, or *vice versa* can be effected by *changing clamps* only.) 10-foot with 26 or 32 teeth. (Changed same as 8-foot.)

THE ORIGINAL AND RELIABLE LEVER-SET SPRING-TOOTH HARROW. THE OSBORNE LEADS THEM ALL.



Its Superiority is conceded in that thousands of them were built, sold and successfully operated before other manufacturers tried to imitate them. That we have produced a Harrow that can be instantly adjusted to meet the different conditions of soil can be proven on inspection. It will not clog, nor does it load up in soft soil. It draws straight and every tooth does effective work.

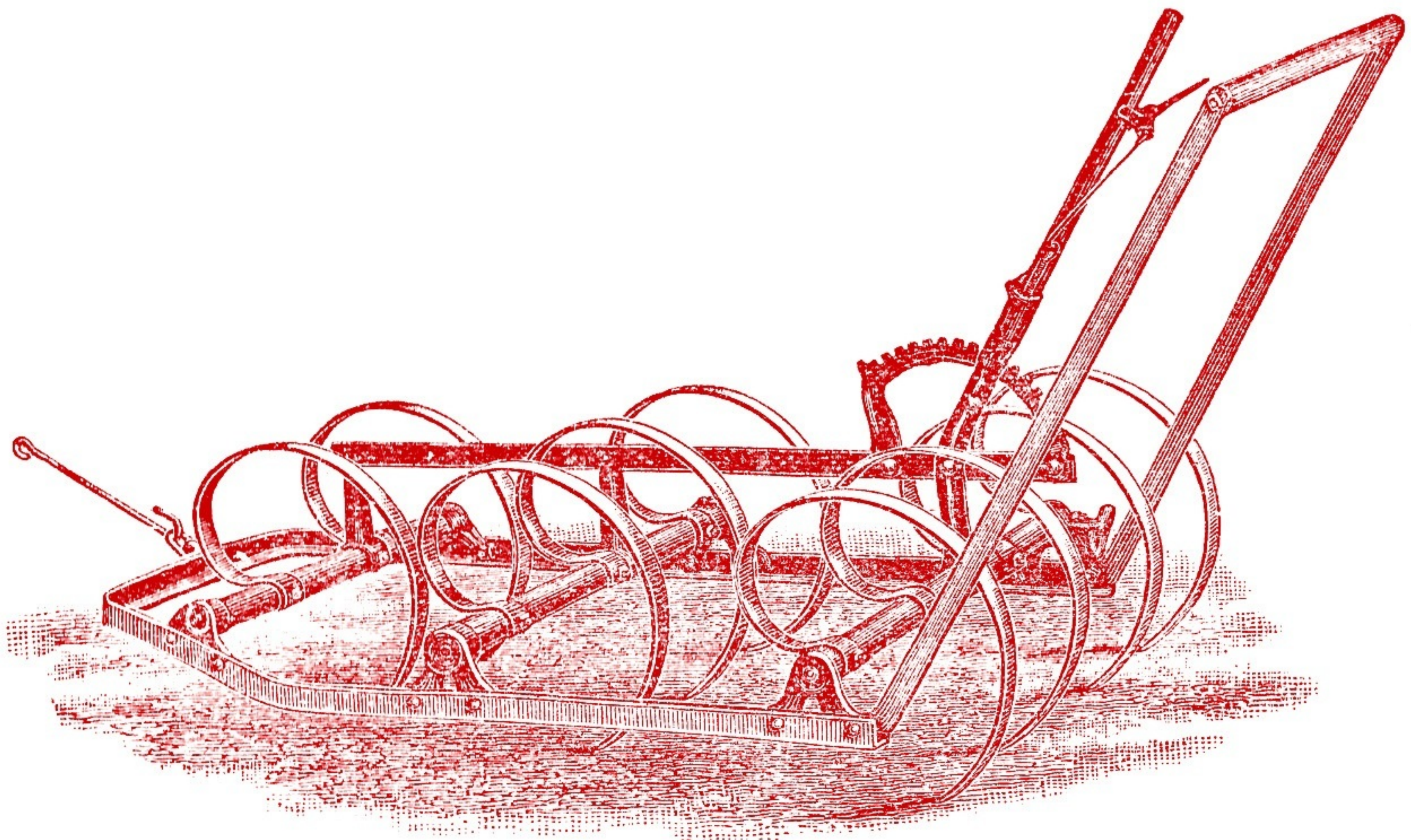
The Frame of each section is one piece of strong angle high carbon steel shaped in the form of a runner which makes the Harrow draw steady. There are four draft holes to adjust the hitch high or low.

The Tooth Bars are round steel pipe securely fastened to the frame by malleable boxes and are three and one half inches from the ground.

The Teeth are securely fastened to the bar by one bolt. The tooth curls two-thirds around the bar, relieving any strain on the bolt and doing away with clips, curved seats and other complicated fastenings. The positions of the teeth are such as not to trail one another, and each tooth does its share of the work, giving the greatest amount of service with the least draft.

Set Lever.—By means of the Levers you can immediately tilt the teeth in either section to any desired depth that the soil may require working. While there are no diamond or V shaped spaces in the frame to accumulate rubbish, we have prepared for all emergencies and the teeth by means of the Levers can be tilted so that the points are eight inches from the ground and the body of the tooth also above the ground so there is no wear on the same when allowing the rubbish to free itself. The Harrow in this position is also in shape for transportation. No time is lost in adjusting this implement as it can be tilted when in motion. There is not an ounce of cast iron in this Harrow and it is made with fifteen, seventeen or twenty-three teeth each.

Spring-Tooth Harrow as a Cultivator.



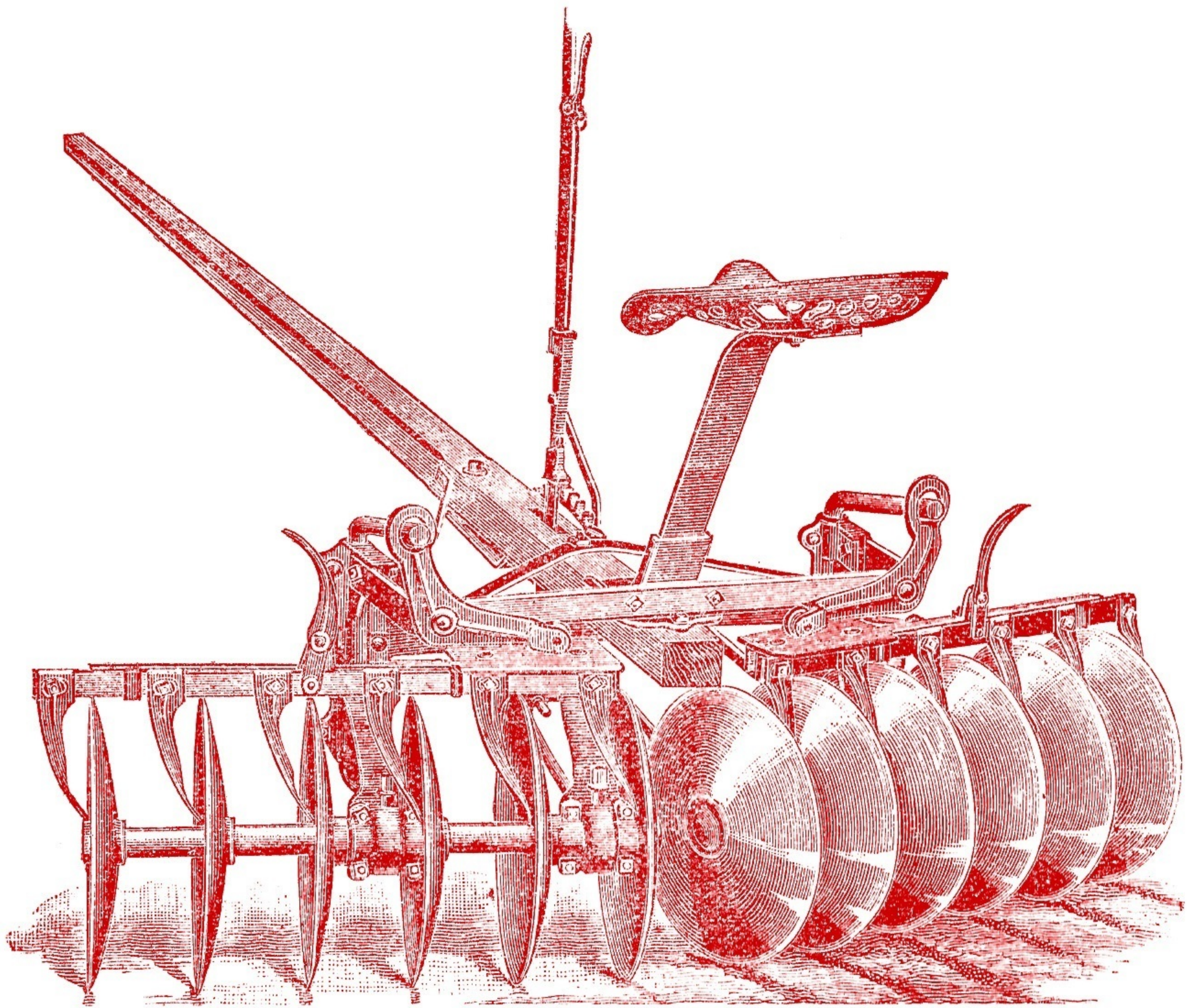
The left section of our 15, 17, or 23 Spring Tooth Harrow, with handles attached can be used as a cultivator and is considered by grape, and hop growers, also gardeners, as one of the handiest and most useful implements of the times. for the reason you have two farming tools in one and at little cost.

Write us for our illustrated catalogue describing our full line. We will be pleased to send it to you by mail, postage prepaid.

Before purchasing a MOWER, TEDDER, RAKE, REAPER, SELF-BINDING GRAIN or CORN HARVESTER, ROPE, BINDING TWINE, HOP TWINE, OIL, etc., write us for information.

Eastern Agency, D. M. OSBORNE & CO.,
Auburn, N. Y.

Osborne Steel-Frame Flexible Disc Harrow.



As Disc Harrows are in great demand we have placed on the market the Osborne Flexible Disc Harrow which is the most perfect tool of its kind to be had.

The Gangs are entirely independent of each other, and one gang can be raised to a height of ten inches without changing the position of the other, which allows the Harrow to adapt itself perfectly to all conditions of the ground, doing equally good work on the highest ridge or in the deepest furrow; and, being perfectly flexible, each disc will cut an equal depth at all times.

The Draft of this Harrow is from the center of the axle, and being perfectly balanced there is no weight on the horses' necks, nor any side draft.

The Scrapers of each gang are connected together and are all worked at one time by a lever within easy reach of the foot, by which they can be brought into contact with each disc to clean its surface, and then instantly removed, thus avoiding friction.

The Hand Lever is within easy reach for changing the angle of the gangs, and thus regulating the depth of the cut, and can be operated without stopping the team.

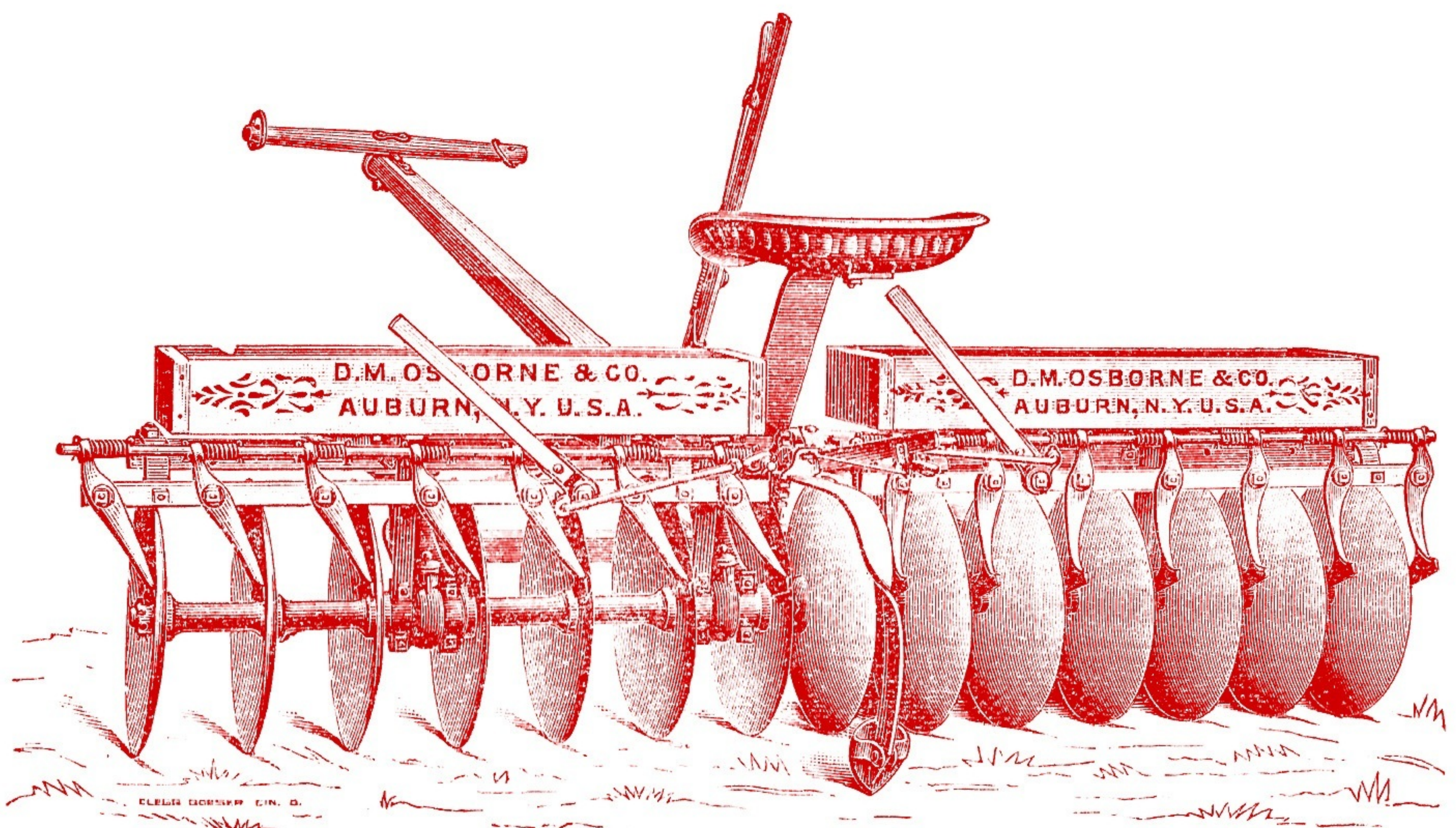
Three-Horse Eveners. Every farmer knows that, in using three horses, in order to avoid all side draft, the middle horse must be hitched in front of the center of the Harrow. We have the most practical and perfect arrangement for setting the pole over to one side, to accomplish this object, of any Harrow made.

End Thrust or Pressure. Owing to the construction of our frame and the use of our equalizing arms, the end thrust or pressure keeps the inner ends of the gangs down, causing them to conform to the ground under all conditions and doing equally good work at all times.

Its Journals are protected from dirt, and the equalizing arms, with end thrust pressure on them, prevents it from humping or buckling in the center. It conforms to uneven surfaces perfectly, but can be made rigid if desired. It has steel seat and spring, making it easy riding. We claim it will do any work possible for a Disc Harrow, and do it well.

Made with twelve, fourteen and sixteen discs, sixteen or twenty inches in diameter.

Osborne Steel-Frame Rival Disc Harrow.

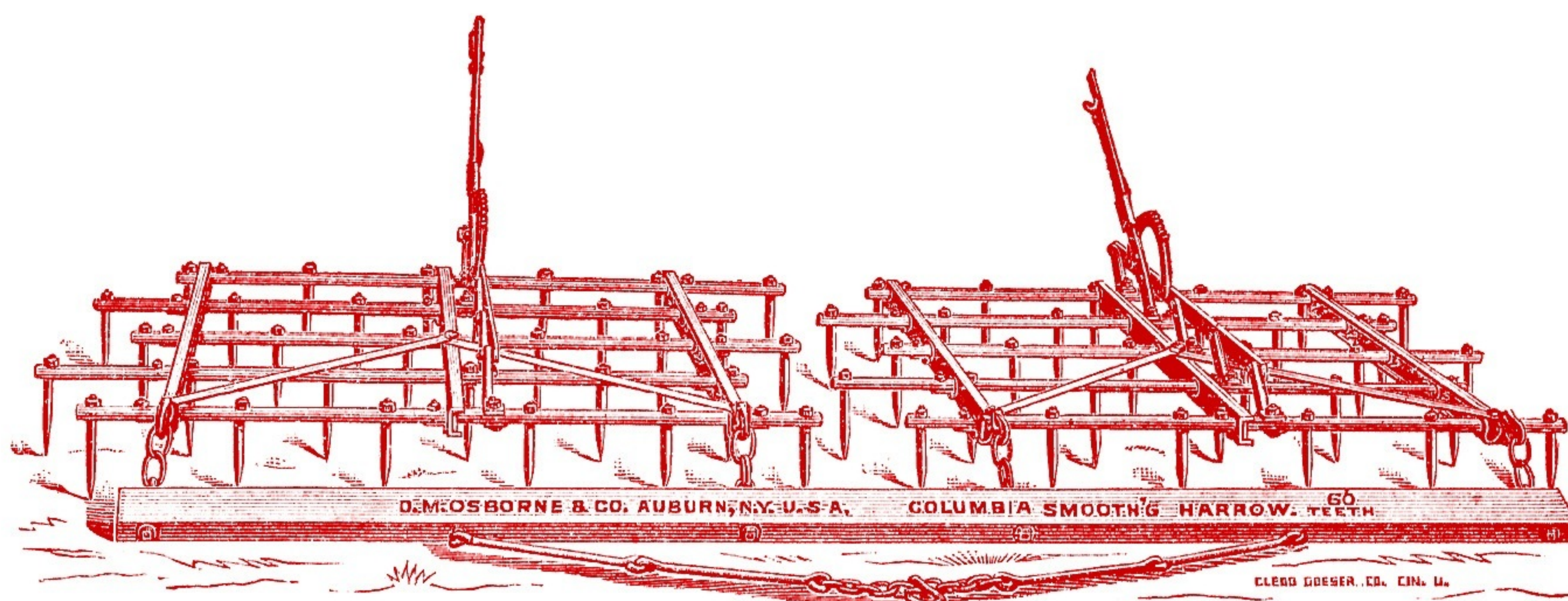


For a low priced Disc Harrow, we call your attention to our Rival, which we have decided to put on the market as a competitor in the Disc Harrow line ; and while we do not claim it is a strictly flexible harrow, we do claim that, with this exception, it embraces all the commendable features of our Steel-frame Flexible Harrow, and in other respects is an equally good harrow, and is unsurpassed for durability, simplicity and actual field work. Has convenient hand lever for changing the angle of the gangs. Its journals are protected from dirt. There is no weight on the horses' necks. There is no side draft. The scrapers are worked by a foot lever in easy reach. Three-horse attachment, same as our flexible harrow.

Made with twelve, fourteen and sixteen discs, sixteen or twenty inches in diameter.

Osborne Columbia Peg Tooth Harrow.

Built to Stand the Roughest Use, Last a Generation, Please the Purchaser.



Construction is such that the draft is direct on the frame bars, which are channel steel $3 \times \frac{1}{8} \times \frac{3}{8}$ inches and $3\frac{1}{2}$ feet long. Impossible to pull this harrow out of shape, or to break the frame.

Tooth-Bars 35 carbon steel, U-shaped ($\frac{1}{8}$ inch perpendicular x $1\frac{3}{8}$ inch across, $\frac{1}{4}$ inch stock, and $4\frac{1}{2}$ feet long), stronger and better than iron gas pipe generally used for this purpose.

Braced by two diagonal straps $1 \times \frac{3}{8}$ inch.

Teeth Diamond shaped, $6 \times \frac{9}{16}$ inch, better cutting edge and stronger than square teeth. The tooth-bars passing through the frame, rest in bushings that prevent the frame from wearing bars, and make a smooth, easy, tilting action. This construction does away with pins and bolts, and makes a connection that cannot get out of order.

Sizes, 30, 60, 90 and 120 teeth.

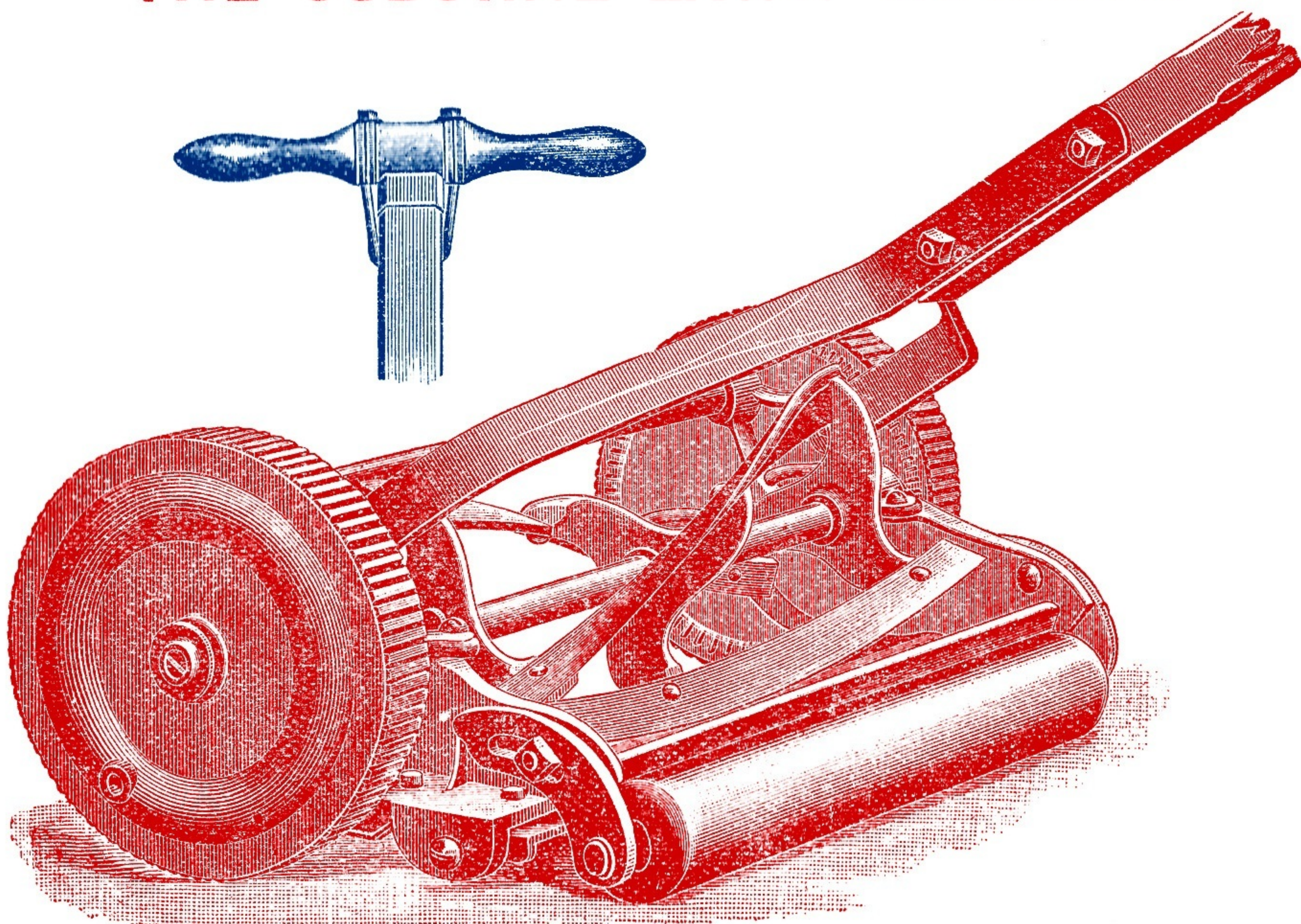
OUR FULL LINE.

Osborne Columbia Light Binder.
New Osborne Standard Binder.
Osborne Self-Binding Corn Harvester.
“ Self-Binding Rice Harvester.
“ Columbia Light Reaper.
“ Big 4 Mower,
“ No. 4 Mower.
“ One Horse Mower.
“ Steel Self-Dump Hay Rake.
“ Steel Hand-Dump Hay Rake.
“ Steel Hay Tedders.
“ Steel Spring Tooth Harrow.

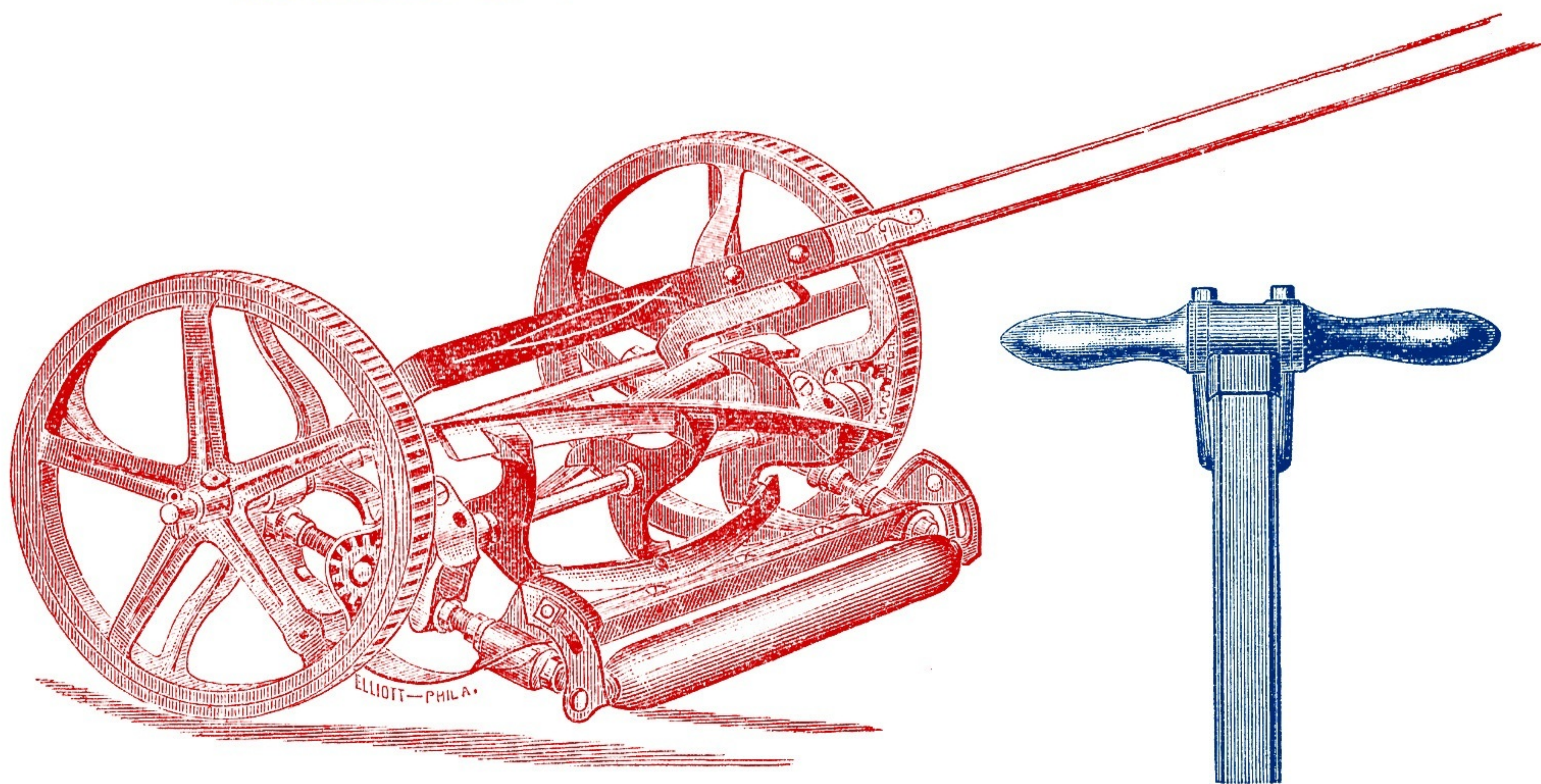
Osborne Steel Combination Harrow.
“ Steel Peg Tooth Harrow.
“ Steel Rival Disc Harrow.
“ Steel Flexible Disc Harrow.
“ Columbia Walk’g Cultivator.
“ Lawn Mower, high wheels.
“ Lawn Mower, low wheels.
“ Land Roller.
“ Orbit Oil.
“ Binder Twine, five brands.
“ Ropes.
“ Tarred Twine, etc.

The above tools are made in all the leading sizes.

THE OSBORNE LAWN MOWERS.



No Better Roller Machine than the "OSBORNE."



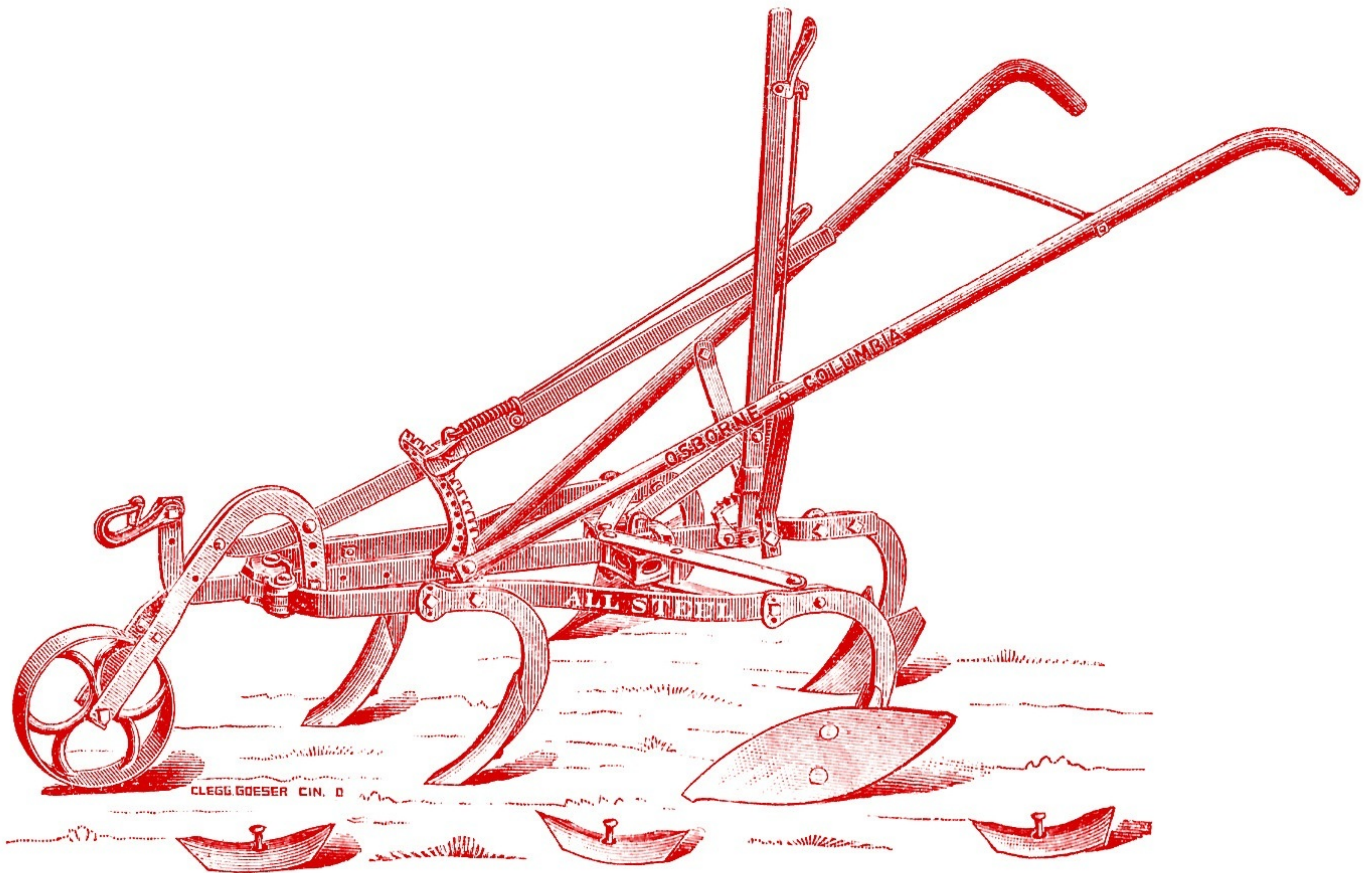
THE OSBORNE HIGH WHEEL.

Absolutely first class. The Peer of all Lawn Mowers. Runs Lighter and cuts Higher Grass. Ten inch wheels, six inch reel.
Send for Sample and Prices.

D. M. OSBORNE & CO.,
AUBURN, N. Y.

Columbia Five-Tooth Cultivator

COMPLETE.



Construction is such as to give it great rigidity, the braces to the outer frame bars being double where others are single.

Width of Cut can be varied from 8 to 30 inches *while in motion*. This is the greatest range of adjustment of any cultivator on the market and is a very desirable feature where the width of the rows is uneven or among running vines.

Depth of Cut can also, by means of wheel lever, be adjusted *while in motion*, or, if the implement is used without wheel lever, depth of cut can be changed by shifting the wheel arm.

Handles can be changed in height to suit a tall or short operator.

Pitch of Teeth can be regulated to suit the condition of the ground.

Hillers can be set at any desired angle to throw in or out.

Size—One only as shown.

TAKE NOTICE.

For forty years we have been studying the requirements of the farming communities and feel confident that we have the goods that will meet all requirements and demands made upon them. For further information address,

Eastern Agency, D. M. OSBORNE & CO.,
AUBURN, N. Y.

ANOTHER POINT

On which we cannot lay too much stress is that, by the peculiar construction of this Implement

THE WEAR IS MADE TO FALL ENTIRELY ON PARTS THAT CAN BE REPLACED AT SMALL EXPENSE,

That is, the “shoes” under the front corners and the smoothing teeth in the rear. With the ordinary Spring Tooth Harrow the reverse of this is true—the wear comes on the frame itself and for this reason the Harrow is often thrown aside after a season or two, before having worn out one set of teeth. The Osborne Combination, with fair usage, will wear out two or three sets of shoes and teeth.

THE MATERIALS USED IN THIS HARROW ARE THE BEST,

It being built entirely of wrought iron, malleable iron and steel. Not an ounce of cast iron is used in its construction.

We also ask you to note from the accompanying illustration that this Implement is so constructed that

TRASH CAN PASS THROUGH IT UNOBSTRUCTED,

Thus remedying a serious fault common to nearly all Spring Tooth Harrows.

In attaching the teeth to the toothbar, we wind them about two-thirds of the way around the bar,

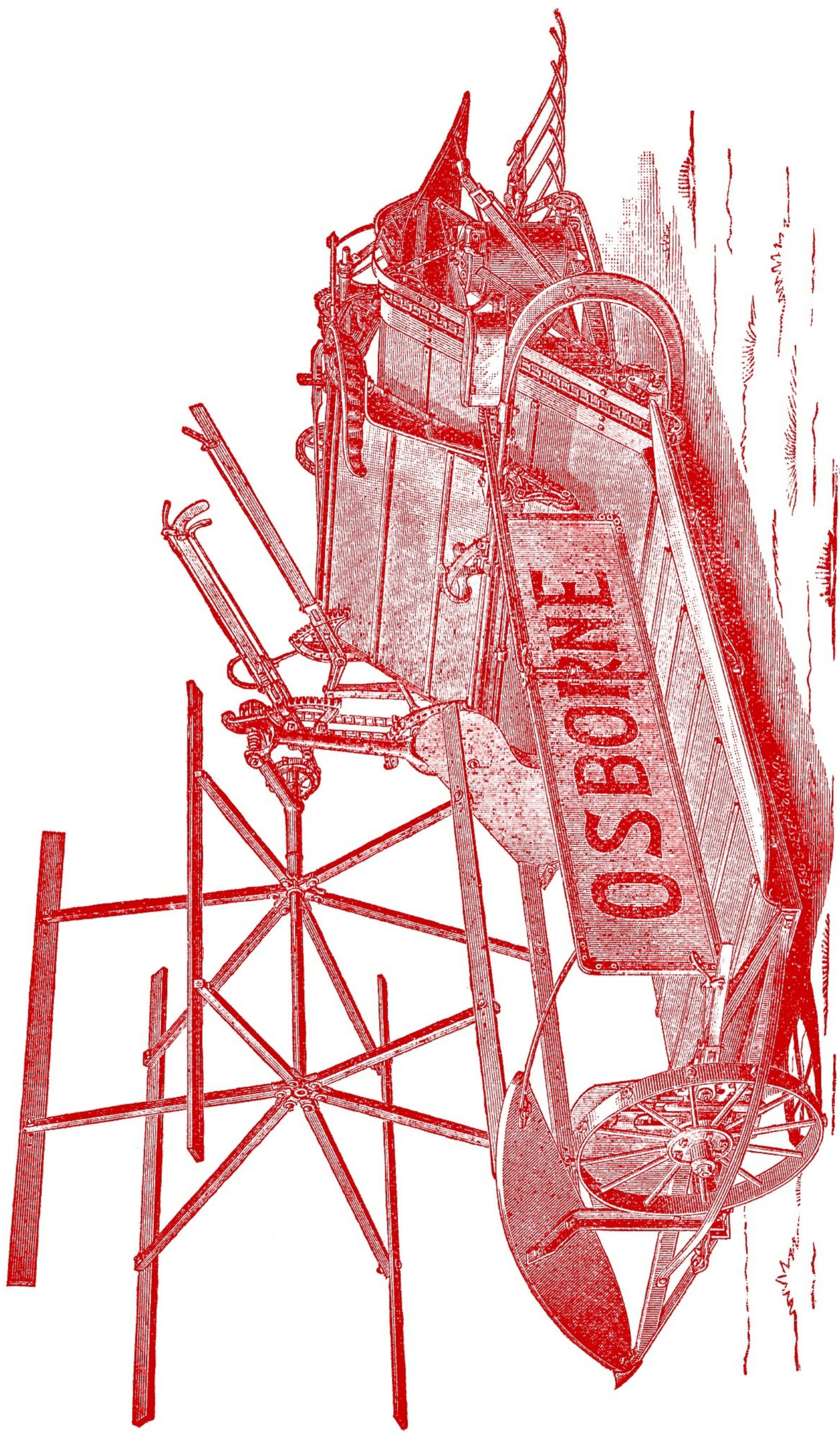
THUS THROWING THE STRAIN ON THE BAR.

Any Harrow whose spring teeth are attached in such a manner as to put the strain on the fastenings, is sure to cause the purchaser trouble.

This Implement has a range of adjustment that enables the operator to set the spring teeth to dig as deeply as may be desirable, or to throw them high from the ground to dump cornstalks or other trash. The peg teeth can be set at any required angle entirely independently of the spring teeth.

Farmers who are using this Harrow say that

It is the Handiest Implement on the Farm.



OSBORNE COLUMBIA BINDER--Rear View.



TRADE MARK

Posted June 2022
B.D. Szafranski
Elma NY USA

Please do not reprint
for commercial profit.

WHY

DID

THEY

DO

IT?

You know--everyone knows--that the United States Government is a most critical purchaser. When it is in the market for merchandise it asks for samples, and before placing its order submits the samples to a rigid examination by the most competent experts in its employ. It is not looking for the cheapest article, but for the best.

In May, 1895, the Government had occasion to purchase 238 Mowing Machines for the Indian service. Every manufacturer in the country was anxious for the order. The samples were submitted, the experts examined them.

The Contract was awarded to D. M. OSBORNE & CO.,

Gentle Reader--Are you going to buy a Mower this summer? Is the Mower that the United States Government selects for its own use good enough for you? Remember that wise men profit by the experience of others. Do you wish to profit by the experience of the Government experts?

D. M. OSBORNE & CO.

Auburn, N. Y., U. S. A.

Branches all over the world.)

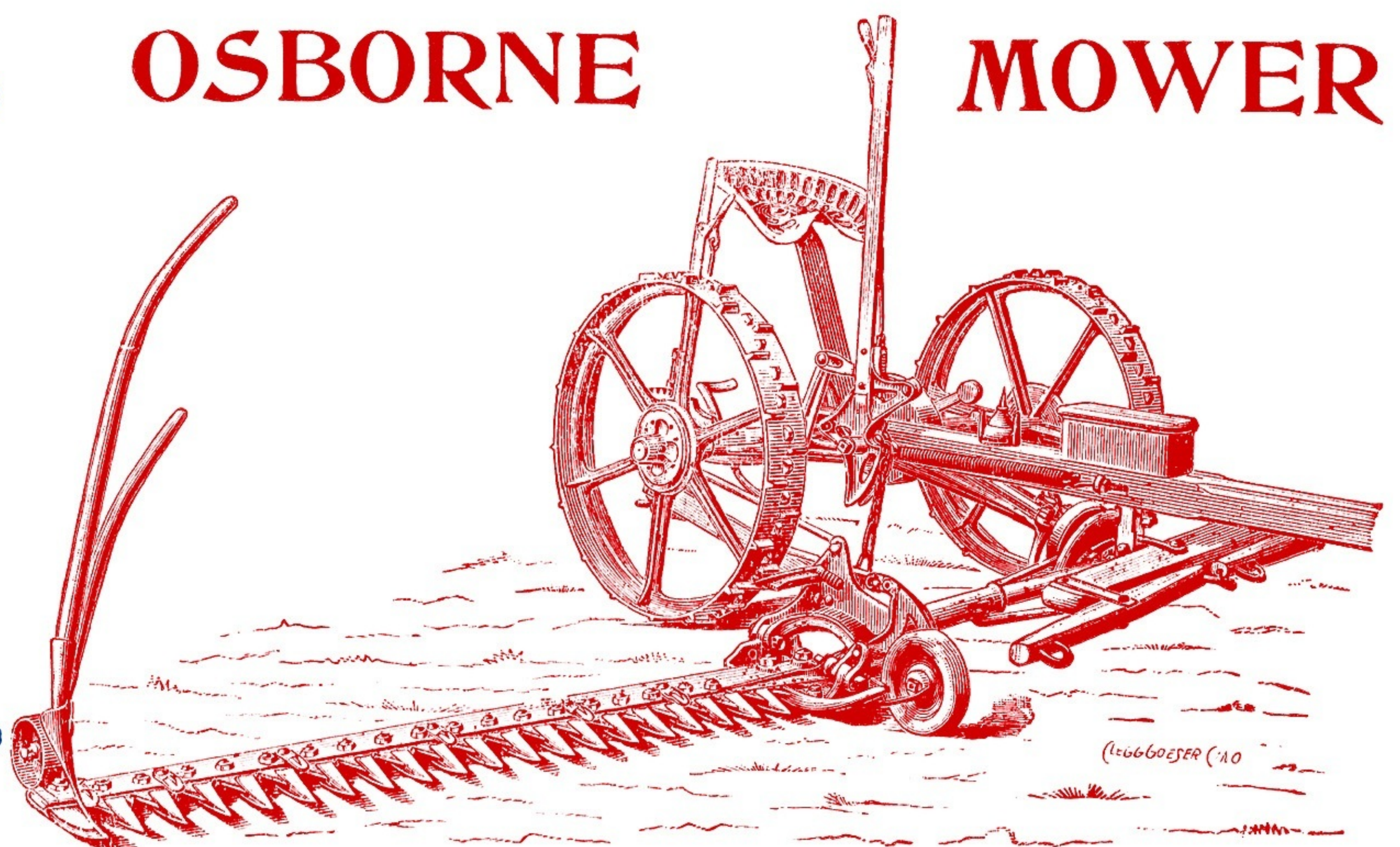


The—
Strongest
Cutting,
Simplest
and Best
Built
Mower
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World.



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MOWER



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C. B. Hoatson, Mgr.
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Harvesting Machinery, Agricultural Implements, Binder Twine,

Kepe, Vt. Oct. 6-0-70.

Mr. Edward Smith.
Hebron, Ct.

Dear Sir:

By request, we mail you circular describing our Seeding Implements, Haying Tools, and Harvesting Machinery.

We hope you will do us the favor to examine our line, as we think it will be to your interest. It has always been our aim to manufacture goods that will stand the test and meet all the demands and requirements needed of them.

After seeing and comparing our line of goods with other makes, we trust you will be convinced that we can furnish you with a superior make as regards material, workmanship, construction, and the latest of improvements.

We very much desire your patronage and would be pleased to hear from you at any time or have you call on our agent, Edward Little

P. O. Hebron who will be pleased to show you what we have to offer for your demands.

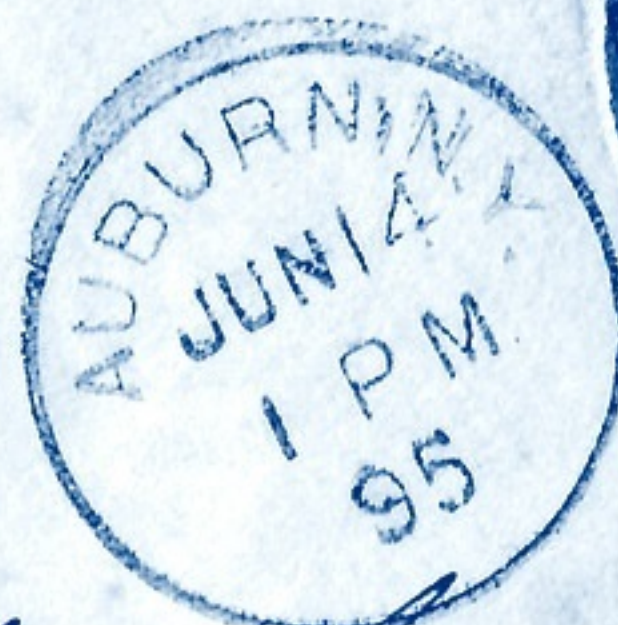
Yours truly,

D. M. OSBORNE & CO., (Eastern Agency,)

E. M. Rounds

Asst. Mgr.

Return to D. M. OSBORNE & CO.,
Auburn Agency. AUBURN, N. Y.
If not delivered within 15 days.



Edward Smith
Hebron
Ct.

